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The



CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 2782.
VOL. CXVIII.

JUNE 3, 1933

Annual Subscription (with
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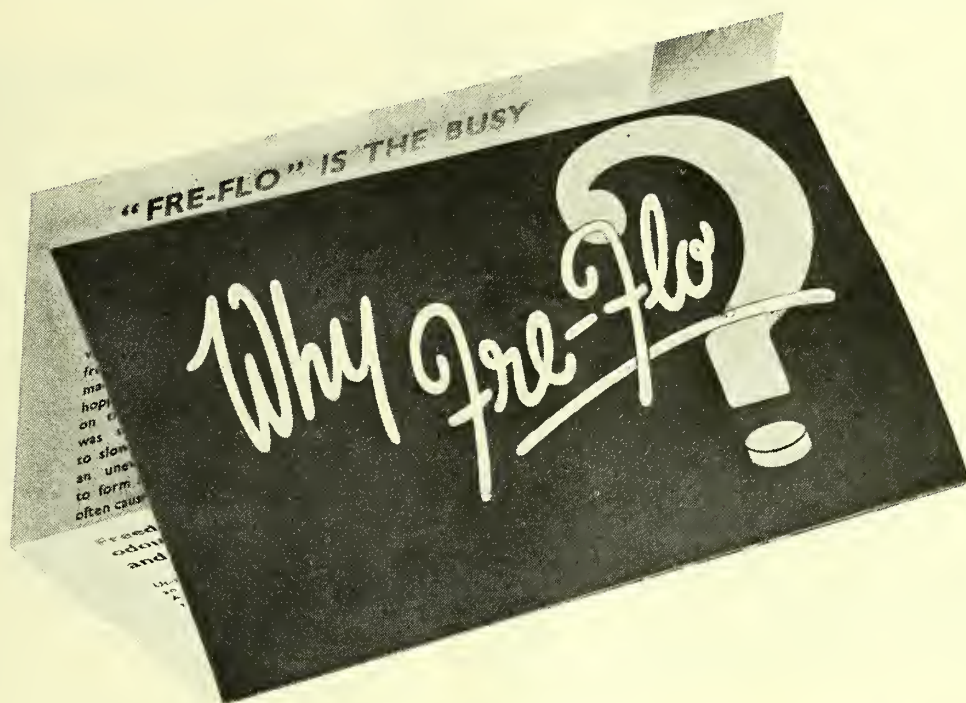
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SHAVING CREAM**
The Chemists Shaving Cream

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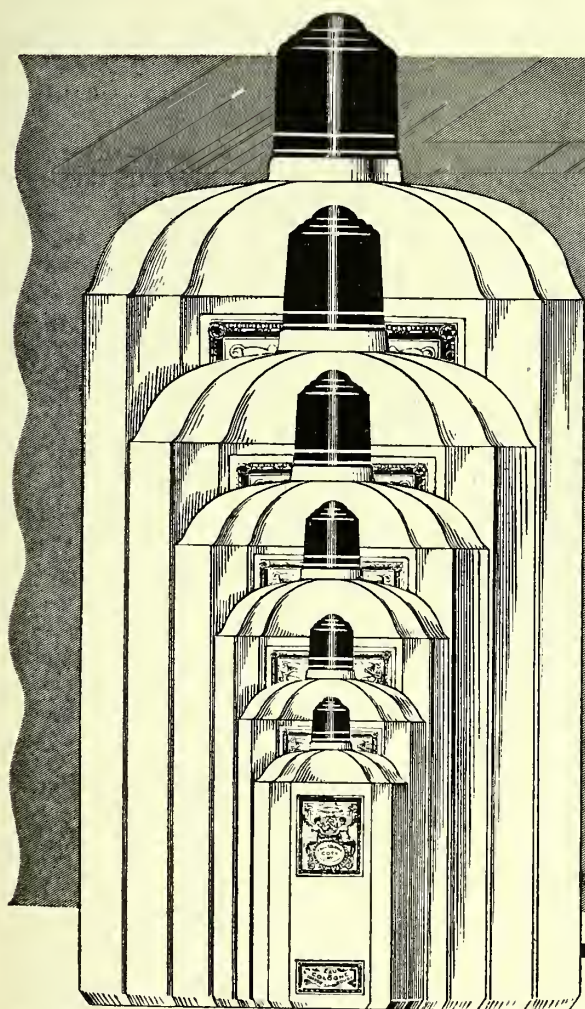
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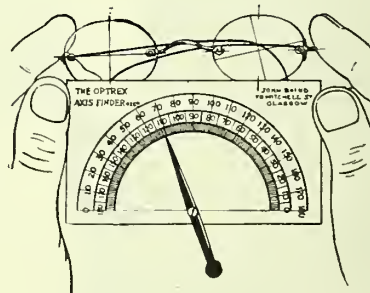
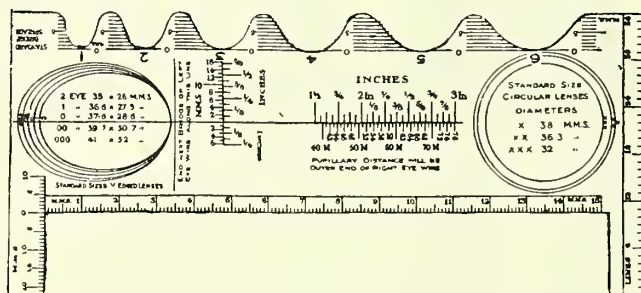
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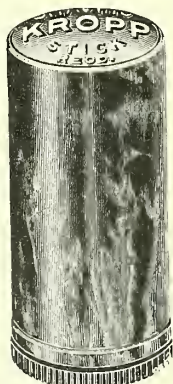
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KROPP SHAVING CREAM



The Kropp Shaving Cream is suitable for all skins. It has a wonderful emollient and soothing effect and gives a profuse and lasting lather.

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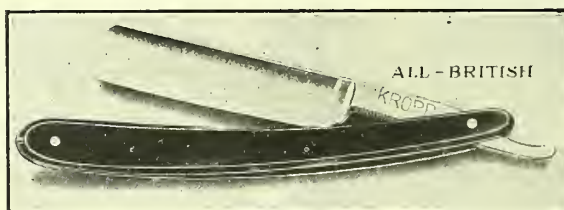
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EACH RAZOR IN A CASE.

Made in Sizes, $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ " and 1"
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PUTS *Sunshine* IN THEIR HAIR



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to You*

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WE'RE BOTH DOING VERY WELL"**

THE last twelve months have seen us make enormous strides—thanks to you! The welcome accorded Miss Camilatone has exceeded our fondest hopes. With your help, we hope to become two of the biggest profit earners in your business. Ambitious, you say? Yet we're young enough and the market is big enough to give us ample opportunity.



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CHILDREN'S
BEAUTY
SHAMPOO
Specially pro-
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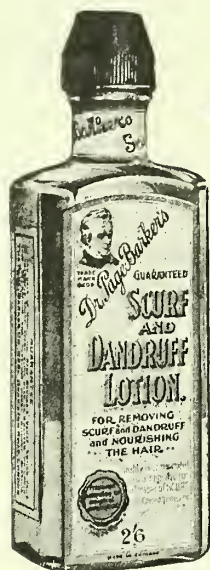
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SHAMPOO
TO SUIT ALL
SHADES OF
HAIR

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With every order for 3 dozen you get three 2/6 bottles as bonus and attractive showcards

Note the Improved
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Super Concentrates

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10/- Pint.

Eau de Cologne
only.

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SUPPLIED.

TO PRODUCE
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EXTRA
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MIX, AND PERFUME IS THEN READY FOR USE.

By this process, fragrant refreshing Perfumes are possible at a very low cost.

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12/- per dozen, retailing at 1/6 per bottle.
20/- „ „ 2/6 „

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MADE IN GLASGOW



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Series for five years:

"Gaiety" Eye Cosmétique
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" (Dry) Rouge
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" Vanishing Cream
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Obtainable through
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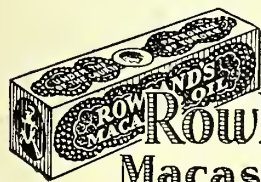
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When you recommend Rowland's Macassar Oil as a hair tonic and dressing you are well on the way to a steady profitable trade, for it is a line which ensures regular purchasers.

For 140 years it has been giving complete satisfaction in every part of the world, and as it is not a cheap line, it brings you a good-class trade. Widely known and heavily advertised, Rowland's Macassar Oil is easy to sell.

In two forms—red for
dark hair, golden for
fair or grey hair.



**Rowland's
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TWOPENCE PROFIT

**ON
EVERY
SALE!**

Mermaid

Regd.

FACE CLOTHS

(CELLOPHANE WRAPPED)

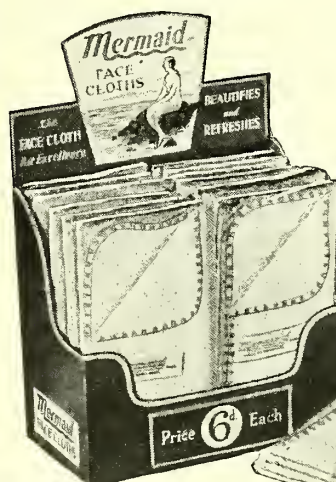
are selling

FASTER AND FASTER

—They are creating new sales records. There is only one opinion about "Mermaid"—it is unbeatable! Look at the quality—specially woven white cloth (12" x 12") with coloured shell stitched edging. Look at the packing—hygienically wrapped in cellophane—just what appeals to the public. Look at the smart new display case—attractive, dominant yet compact. A real 6d. winner.

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EACH IN CELLOPHANE WRAPPER
PACKED IN NEW COLOURED
DISPLAY CARTON

FROM
3/6
PER DOZ.
ORDER
YOUR
STOCKS
NOW!

FULL DETAILS IN OUR
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EXTRA COST
IN THIS NEW PACK
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every day, making
Opportunities for Nuctone
Sales!*



Grey hair is a handicap in business as well as in pleasure. The acknowledged remedy is Nuctone which brings the hair back to its natural shade. Universally recognised to be as safe as a shampoo, Nuctone gives excellent results—two facts that maintain the steadiness of sales. Sold in bottles at 3/9 & 6/6

Nuctone

SAFE FOR GREY HAIR

MANUFACTURED BY STEWART GOODALL & DUNLOP LIMITED

OVER FIVE THOUSAND DENTISTS

are now using, and recommending their patients to use

ORALITE DENTURE SOAP

The most effective cleanser and steriliser known for NATURAL TEETH, ARTIFICIAL TEETH — and the GUMS —

We are shortly commencing a National Advertising Campaign, so be prepared and write for particulars of our attractive first order terms.

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Your Customers' Hair needs
SILKODONO YOUR PROFIT
80%

There is no preparation on the market to beat **SILKODONO** for Dandruff, Scalp Irritation, Falling Hair: **SILKODONO** greatly encourages the growth of the Hair, and as for Easy Setting and Beautifying the Wave, you need only try it and you will never use anything else.

PRICES AND BONUS: **SILKODONO**,

1/6 size - 12/- per doz.
2/6 " - 20/- "
4/6 " - 36/- "

2 FREE Bonus with each dozen.

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LIQUID KEATING'S

A NEW BRITISH PRODUCT



20 oz. SIZE, PRICE 3/-

8 oz. SIZE, PRICE 1/6



BARREL TYPE
SPRAYER
PRICE 1/9



4 oz. SIZE, PRICE 9d.



SPRAY ATTACHMENT
PRICE 1/-

Window Display Terms
on a £2 Parcel give

33 1/3
PROFIT

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A NEW **BRITISH** PRODUCT

THE PRODUCT

Liquid Keating's is the result of a three years search in our Laboratories for a Liquid Insecticide WHICH DOES KILL. We recommend it for the destruction of Flies, Wasps, Gnats and Mosquitoes. It can also be used to kill Bugs, Fleas, Moths and Beetles, although for these Pests it is more economical to use Keating's Powder.

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4 oz. Size	-	Price 9d.	Attachment Sprayer to fit 4 oz. Size	Price 1/-
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20 oz. "	-	" 3/-	from 8 oz. or 20 oz. Tins)	- " 1/9

The 20 oz. Size and the Barrel Type Sprayers are boxed in half dozens, the remainder in dozens, and Retailers are respectfully asked to make up their Orders in such a manner as to avoid splitting boxes.

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Is sold direct to the Trade on Window Display Terms, i.e., under an agreement whereby the Retailer agrees to pay Cash 30 days, and to Display the Goods on Window or Counter for a period of not less than 14 Days. Minimum direct Order £2 nett worth of goods.

Discount $33\frac{1}{3}\%$ off Face Value.

Carriage Paid. Free Packing. 30 days Credit.

For an initial Order, we suggest the following—

				£	s.	d.
1 doz.	4 oz. Tins	Liquid Keating's	-	0	9	0
1 "	8 oz. "	" "	-	0	18	0
$\frac{1}{2}$ "	20 oz. "	" "	-	0	18	0
1 "	Attachment Sprayers	-	-	0	12	0
$\frac{1}{2}$ "	Barrel Type Sprayers	-	-	0	10	6
				£3	7	6
Less Discount $33\frac{1}{3}\%$				£1	2	6
NETT COST				£2	5	0

THOMAS KEATING Ltd.

STATION MILLS, BILLINGSHURST, SUSSEX

IN THE HIGH COURT OF JUSTICE1933 A 556CHANCERY DIVISIONASSIGNED TO MR. JUSTICE FARWELLMR. JUSTICE CLAUSON

Friday the 12th day of May 1933

BETWEEN

AYRTON SAUNDERS & CO. LTD.

Plaintiffs

-and-

MR. RITCHIE

Registrar

Folio 39

JULES LANG & SON (sued as a Firm)

Defendants

UPON MOTION for an injunction this day made unto this Court by Counsel for the Plaintiffs and UPON HEARING Counsel for the Defendants AND UPON READING the WRIT OF SUMMONS issued on the 3rd March 1933 AND the Plaintiffs and the Defendants by their Counsel agreeing to treat the said Motion as a Motion for Judgment and consenting to this Judgment.

THIS COURT DOTH ORDER that the Defendants their servants agents and workpeople be perpetually restrained from infringing the Plaintiffs' registered trade mark No. 524801 and from advertising offering for sale and selling bottles not of the Plaintiffs' manufacture or merchandise under or in connection with the name "Ayrton Oval" or under or in connection with any other name so resembling the Plaintiffs' registered trade mark "Ayrton Oval" as to be calculated to lead to the belief that bottles so advertised offered for sale or sold are of the Plaintiffs' manufacture or merchandise and generally from passing off or attempting to pass off or inducing or enabling others to pass off such bottles as and for the Plaintiffs' bottles.

AND IT IS ORDERED that the Defendants do forthwith deliver up to the Plaintiffs all bottles advertisements or other matter the sale offer for sale or use of which would be a breach of the injunction hereinbefore contained.

AND IT IS ORDERED that the Defendants do pay to the Plaintiffs the sum of £47 for agreed damages.

AND IT IS ORDERED that the Defendants do pay to the Plaintiffs their costs of this action to be taxed by the Taxing Master.



“Un embarras de succès”

SINCE this new line was launched two weeks ago, we have been overwhelmed with orders from every corner of the British Isles. This success has caused us temporary embarrassment and we apologise for the unavoidable delay in dealing with many orders. We are, however, fast catching up with inquiries.

REDUCTION IN PRICES:

The success of this line was such that, from the first, we decided to lower the prices to 3/6 and 7/- per dozen. Place your order early.

SUN-TAN

OIL

Full particulars upon application to:

William Hay Ltd., *Manufacturing Chemists*, Hull;

also at: 3 Browning St., Walworth Rd., London, S.E.17



BOTH-WAYS TOOTH BRUSH

ATTRACTIVE — EFFECTIVE —
DURABLE

HARD BRISTLE IN BEST BONE HANDLES

KEEPS ITS STIFFNESS

Gent's 11/-

Lady's 8/-

(In single cartons 1/- per dozen extra)

Bone Eyebrow Brushes 24/- per gross

Erinoid Eyelash and Eyebrow Sets

6/6 per dozen sets

□ □ □

**BIDWELLS,
AXMINSTER**



TRADE MARK

BIDWELL BIDWELL & CO LIMITED.

QUALITY

*The blade the Public
have heard so much
about on the air.*

WILL TELL

WANIE

Still the 'Best Seller'

Single-sided 9/- per 100
Three-hole 8/- per gross

Send for sample to Dept. C.D.

**LONDON & PROVINCIAL
FACTORS, LTD.**

146 Theobald's Road, W.C.1.

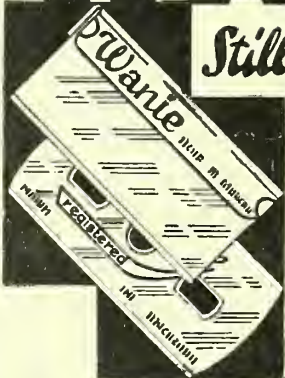
and at

16 Withy Grove, Manchester

Irish Free State Agents:

Messrs. W. A. Freedman & Co. Ltd.
20-21 Merchants Quay, Dublin

Wholesalers are invited to
apply for Trade Terms



GLYMIEL FACE CREAM

— VANISHING —



The new Companion to Glymiel Jelly and just as good. A perfect Vanishing Cream, perfumed Lilac Blossom and delightfully true to the flower.

We are commencing very shortly advertising in the women's weeklies, monthly magazines and national dailies, including the Daily Mail, and feel sure that this line will soon be selling as well as Glymiel Jelly.

The Cream is packed in enamel tubes in cartons, twelve in an attractive counter display box from which it can easily be supplied.

Retail 6d.

Trade 4/6 doz.

SPECIAL INTRODUCTORY PARCEL

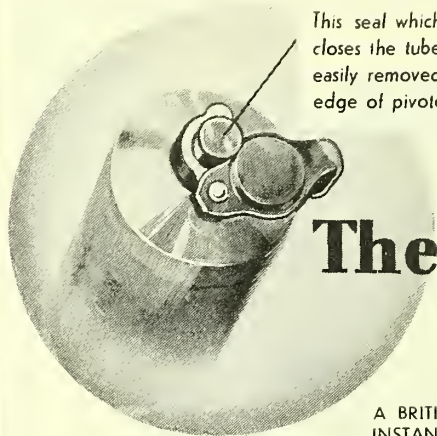
This offer
is only
available
up to
June 30th

3 doz. GLYMIEL FACE CREAM 6d. Tubes
3 doz. „ JELLY 6d. Tubes

24/-

For 14 Days' WINDOW DISPLAY

OSBORNE, BAUER & CHEESEMAN Ltd.
258 EUSTON ROAD, LONDON, N.W.1



This seal which hermetically closes the tube before use is easily removed by cutting edge of pivoted cap

The 'HYGENICAP'

abolishes screwing & distorted threads

In all openings, round, ribbon, sealed, etc.

Samples from the Manufacturers:

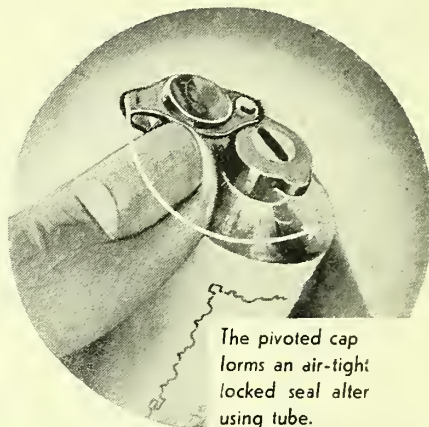
H. G. SANDERS & SON, LTD.

Victoria Wks., Gordon Rd., SOUTHALL, Middx.

A BRITISH INVENTION
INSTANTANEOUS OPENING
AND CLOSING
NO DISCOLORATION
NO ACCUMULATION
TUBES SEALED
CAP AUTOMATICALLY
CUTS SEAL AT FIRST
OPERATION AND THEN
CLOSES MOUTH OF
TUBE WHEN NOT IN USE
PRICES COMPARE FAVOUR-
ABLY WITH SCREW CAPS.

also from the Patentees:

BELSEY & CASSIN, c/o P. CASSIN Ltd.
19 Eastcheap, LONDON, E.C.3



The pivoted cap forms an air-tight locked seal after using tube.

A free Postcard enlargement with each film developed and six prints.

Tel. No. 226

The "PEERLESS" Water Colour Series

A "Peerless" is a joy supreme—a reminiscence always living—a gift divine.

For prices and specimens apply:

The 'Owl' Advertising and Photographic Service, Louth.



Competition does Not make him blink

FREE $\frac{1}{2}$ -doz. 1/- Veldt Cream

WITH EACH ORDER VALUE £2 (INCLUDING SOAP)

Example—12 doz. 5d. "Veldt" Cream costs 40/-, with Bonus Yields 66/-, i.e., approximately 40% on turnover.

"Veldt Cream"
GOOD SHOW MATERIAL
WELL & CONSISTENTLY
— ADVERTISED —
Write for Particulars to
VELDT LABORATORY
Springfield, Upper Clapton, LONDON, E.5

DRUMMER DYES

are constantly in great demand by women who realise the advantages of home-dyeing

It pays you well to stock and display
DRUMMER DYES

safe
easy

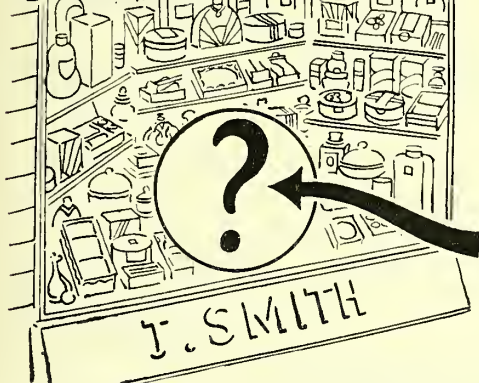


and
sure

EDGE'S

BOLTON

**How much
is your
window
worth
to you**



**YOU GET THE
GREATEST POSSIBLE
VALUE FROM
EVERY INCH OF
SPACE USED
IN DISPLAY OF**

BRYLCREEM
The Perfect Hair Dressing

Your window costs you money—make every inch earn the utmost profit for you. You cannot afford to display slow selling lines. *It pays to display Brylcreem, the Perfect "No-Gum" Hairdressing.* It is the biggest seller and most profitable of all hairdressings.

BRYLCREEM IN THIS SPACE MEANS

**Quick turnover
— Big Profit!**

Write for samples and details of big bonus offers to your wholesalers or
The County Perfumery Company, Bradford St., Birmingham

THE D & P SERVICE WITH VIM

Name and Address on Wallets.

Bonus of three Postcards for customers when they have had 10/- value of work.

Giant Prints 15" x 11" to retail at 1/6.

Double size prints from V.P.K. of 120 negatives to retail at 2d. and 2½d. respectively.

Let us arrange a special advertising Stunt for you. Half Plate Enlargements to retail at 6d. and costing you only 3d. each nett.

Handbills and window show material. Write to us for details.

If you have special local difficulties consult us and see if we can help you.

Terms D & P 40% and Enlarging 33⅓% discount.

Best work, prompt despatch, Colour work a speciality.

Also special terms for View postcards in quantities.

**THE EAGLE PHOTOGRAPHIC SERVICE,
6 CRICKLADE STREET,
SWINDON, WILTS.**

*Week after week
it's being proved*

A BOB MARTIN DISPLAY ALWAYS PAYS



4 Stratford Road,
Kensington, W.8

I feel I must tell you the result of a small display of your dog preparations I made in my pharmacy. The sales have more than trebled in less than a month. To-day I have ordered a further supply. I am convinced the sales will be maintained as I have endless repeats. Bob Martin Preparations are very popular in Kensington.

J. R. THORNTON, M.P.S.

THOUSANDS of pounds are being spent to make dog-owners buy Bob Martin's Condition Powders. And people—more people every day—are buying them. Are you going to let this opportunity of increased profits slip by you? We've done our share, in making dog-owners *want* Bob Martin's Condition Powders. Your part is to let them know where they can get them. It's no use keeping stock on the shelves. Get it moving, by showing Bob Martin Display Material. Prove for yourself the truth of what other Pharmacists are saying—"A Bob Martin Display *always* pays." There's no end to the range of attractive, sales-compelling Display Material available for you. Cut-outs, showcards, counter leaflets, screens, posters—all of them linking your pharmacy with the biggest advertising campaign for Condition Powders ever launched! Write to-night, and receive by return a full range.

BOB MARTIN, LTD., SOUTHPORT

A BOB MARTIN DISPLAY MAKES PASSERS-BUY!



MARKETS ARE PEOPLE—THAT'S ALL

Here is a "stunt" which is costing round about £26,000 per week

I was reading an article the other day on Advertising and the writer said that it was passing through a most interesting stage. He's right, too, because there is, for example, the extravagance of the Press which the advertiser has to pay for as usual. You are probably aware that a silly and senseless competition war has been going on for a few weeks. Three or four newspapers are scrambling for the circulation lead, and enormous sums of money are being spent on this mad campaign. The latest stunt is a stupid free gift war in the form of a "bookselling" offer. Now this campaign, run at the expense of the advertiser, is reputed to be costing the newspaper people something like £26,000 *per week*. It's preposterous, Gentlemen. At the end of it all the newspapers achieve nothing, and what the "Dickens" they will think of next, I really don't know, but I am more than sorry for the advertiser who has to foot the bill for all these wasteful and unnecessary expenditures, all of which are in addition to Insurance schemes. However, I am pleased to say that we, in our humble way, are giving our customers full value for every penny they spend on Printing, and they, in return, are keeping us very busy indeed giving them the kind of enthusiastic and helpful service we like to receive ourselves.

H. H. Gaunt
Service Dept.



So if you want careful printing—get into touch with

WAIDE of LEEDS

Thomas Waide & Sons Ltd. Kirkstall Road Leeds



*The attractive set of
showcards available,
includes the centre-
piece in full colours
here reproduced.*



ATTENTION

**TO KILL INSECTS
BE SURE YOU GET**

FLIT



The exceptionally warm weather experienced during recent months has already assured a busy season for the world's biggest selling insecticide.

Sales will be further assisted by the intensive National advertising which will be issued throughout the season, and by the attractive new window

display material which enables you to put the advertising to work in your store.

Flit carries an excellent margin of profit and there are additional bonus offers for window display, of which the following are examples:—

Specimen Bonus Offers for Window Display

INCLUDING NEW SIZE SELLING AT 1/3

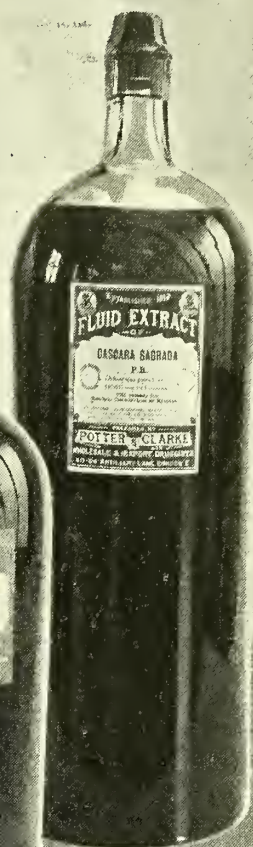
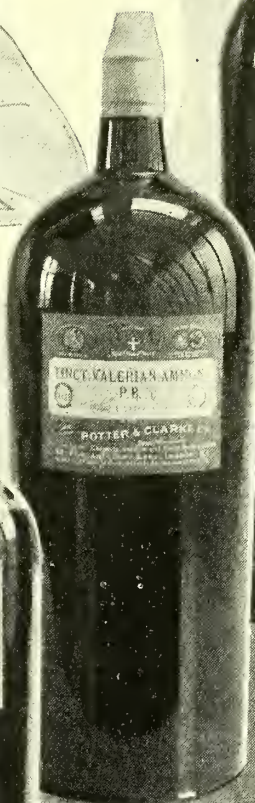
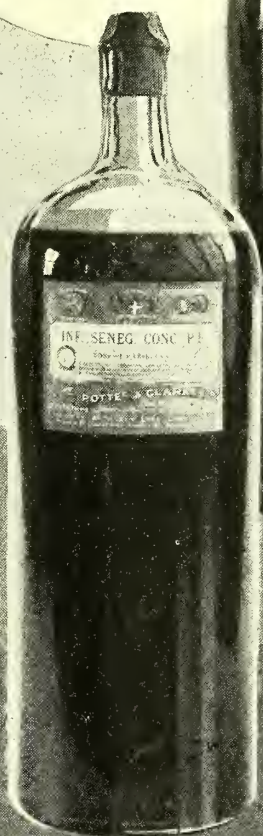
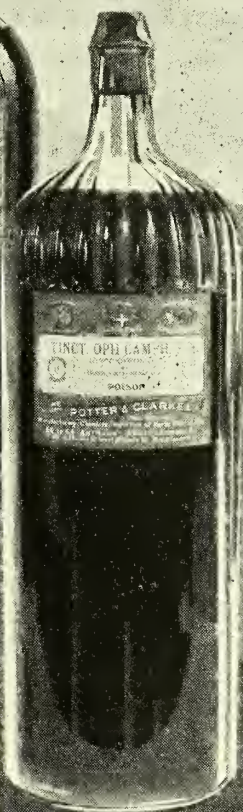
NO.								LIST PRICE				
1.	1	Doz.	2/-	Tins	...	...	...	17/-	doz.	Charged	as	11 tins only
2.	1	"	3/-	"	...	...	...	25 6	"	"	"	11 "
3.	1	"	5/-	"	...	...	...	42 -	"	"	"	11 "
4.	1	"	2/3	Hand Sprayers	...	...	...	19 -	"	"	"	11 only
5.	2	"	1/3	Tins	...	...	...	11 -	"	"	"	23 tins only
9.	2	"	1/9	Trial Outfits	...	...	...	14 6	"	"	"	23 only

Every offer carriage paid

Sole Distributors for the U.K.: STEMCO LTD., 128-132, Albert Street, Camden Town, N.W.1

"WINGED LION" BRAND GALENICALS

LIQUID EXTRACTS
TINCTURES
SYRUPS
INFUSIONS
DECOCTIONS
EMULSIONS
and all
Pharmaceutical
Preparations



POTTER & CLARKE

LTD.

60-64 ARTILLERY LANE
LONDON, E. 1.

Phone: Bishopsgate 4761.

Grams: "Horehound, Phone, London."

Senna

FROM OUR OWN GROWERS
 John Ronaldson & Co. 15 Seething La., London.

Alexandrian & Tinnevelly
 Pods Leaves Siftings

IONIZED IODINE

(MOLSON BRAND)

Obtainable from the usual wholesalers or the makers
MOLSON IONIZED IODINE CO. Ltd.
 34 C, GABRIEL'S HILL, MAIDSTONE



SHADEINE

FOR TINTING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses.
 Trial size 3d. per doz. 6/-
 1/4 size, per doz. 12/-
 2/6 size, per doz. 24/-
 3/9 size, per doz. 36/-

The SHADEINE Co., 58, Westbourne Grove, London, W.2

HALEX toothbrushes— the bristles don't come out

BRITISH XYLONITE CO. LTD., HALE END, E.4



CUT OUT thick cardboard LETTERS

IN ANY COLOUR. SIZE 1". FOR NOTICES, etc.

Can be fixed 100 anywhere for 2/- Send for samples and Price Lists

Dept. B, ALLAN MANUFACTURING CO. LTD.
 37 Farringdon Street, E.C. 4.

Makers of DAYLIGHT (SUNGLO) ELECTRIC and High-Class Signs of all types.

We supply no one but Chemists and Druggists with

"SAFEGUARD"

Preventives (Rubber Goods)

They are of Highest Quality and Packed Hygienically

Samples and Prices on application

BURGE, WARREN & RIDGLEY, LTD.
 91/92 GREAT SAFFRON HILL, E.C.1

Phone: Holborn 0050. Telegrams: Drugsund, Smith, London

WESTMINSTER

COLLEGE OF PHARMACY

190 Clapham Road, London, S.W.9

Founder: G. S. V. WILLS, Ph.C. Principal: P. H. WOODNOTH, Ph.C., F.C.S.

Special Summer Revision Course, eight weeks—commencing July 31st, for Qualifying and Preliminary Scientific Examinations.

Preliminary Instruction by Post is available for all Students who propose to attend the Day Classes. Full details and prospectus may be obtained from the Secretary

"VITAMIN TESTED YEAST"

Yeast specially prepared for medicinal purposes

GUARANTEED ABSOLUTELY PURE

MIDGLEY & PARKINSON, LTD., Warren Works Pudsey, LEEDS

Sole selling agents for Great Britain—

THE OLD STRAND CHEMICAL & DRUG CO., LTD.
 Audrey House, Ely Place, London, E.C.1

ALL CHEMISTS
 SHOULD STOCK

ABDINE

THE GOLD MEDAL HEALTH DRINK

Quick Seller. Big Profits. Over 50 years' Reputation.

"Abdine" is the most popular Health Drink. Perfectly safe for all ages. Made from choicest fruits, it does not contain Epsom or Glauber Salts. Year after year the sales are steadily increasing.

DUNCAN MCGLASHAN LTD., ABDINE WORKS, WESTFIELD RD., EDINBURGH

How are your Stocks of WILLIAMS' Shaving Preparations?

Sole Distributors:

SCOTT & BOWNE, LTD.
 10/11 Stonecutter Street - London, E.C.4

THOMAS & LINTON LTD.

5 Whitehorse Buildings, 100 High Holborn, W.C.1

Telephone: Holborn 3716-7

SOLE LONDON SELLING AGENTS FOR

Canda Iodine Pens, Ephedrol, Natex Health Foods, Ever-Hot, Litesome Body Belts, etc., etc.

DELIVERIES FROM LONDON STOCKS

F. MAUND & E. BERG (SHOWCASES) Ltd.

SHOPFITTERS & SHOPFRONT BUILDERS

167/9 & 175/9 OLD STREET, LONDON, E.C.1

are offering for sale, at competitive prices, an extensive and exceptionally full range of Chemists' Fittings, Second-hand and New.

Cachet

CLOSING and FILLING machines

4/6 to 52/6

to suit all Dispensing Requirements.

WRITE FOR ILLUSTRATED LIST.

THOS. CHRISTY & CO., 4-12 Old Swan Lane, LONDON, E.C.4.

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessaries from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & CO., YORK



Convenience....

*An extra feature
in favour of*

TRADE MARK 'TABLOID' BRAND

Effervescent Products

One to two products, dissolved in water, present, in brisk effervescing solution, precise doses of medicaments.

Their convenience and precision of dosage, greatly superior to that offered by granular preparations, promote easy sales.

Amongst 'Tabloid' Effervescent products, one of topical interest is:—

TRADE MARK 'TABLOID' BRAND

ALKALINE COMPOUND EFFERVESCENT

R

<i>Sodii Bicarbonatis</i> , gr. 5 (0.324 gm.)	<i>Magnesii Sulphatis</i>
<i>Calcii</i>	<i>Anhyd.</i> , gr. 1 (0.065 gm.)
<i>Lactophosphatis</i> , gr. 3 (0.194 gm.)	<i>Sodii Chloridi</i> , gr. 1 (0.065 gm.)
<i>Potassii</i>	<i>Salis</i>
<i>Bicarbonatis</i> , gr. 1 (0.065 gm.)	<i>Effervescentis</i> , q.s.

The following 'Tabloid' Effervescent Products are also available:—Three Bromides; Caffeine Citrate; Cubeb and Belladonna; Lithium Citrate; Magnesium Sulphate Compound; Piperazine; Sodium Phosphate; Sodium Salicylate and Sodium Sulphate

Dissolved in water, forms a pleasant, antacid, cooling draught; assists restoration of alkaline reserve of the body

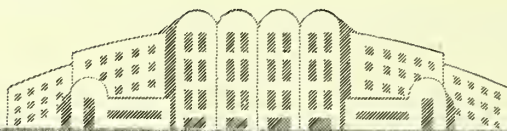
London Price to the Trade (subject)

Tubes of 25 products, at 21/6 per doz. tubes

For full list of prices, see BURROUGHS WELLCOME & CO. PRICE LIST



BURROUGHS WELLCOME & CO., LONDON



THE BRITISH DRUG HOUSES LTD.



OTANGO CREAM

(NON-GREASY VANISHING CREAM)

For Insect Bites and Stings

This line scored a remarkable success on its introduction last season.

Pharmacists who do not already know OTANGO CREAM should write for sample and particulars of Display Terms.

P.A.T.A. Retail 1/- Wholesale 7/6 per dozen net.

GRAHAM ST.



LONDON N.I.

THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

*The official organ of The Pharmaceutical Society of Ireland,
The Chemists' and Druggists' Society of Ireland, and of
other Chemists' Societies in Overseas Dominions*

PUBLISHED AT
28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London" Telephone: Central 6565 (8 lines)

BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL.: BLACKFRIARS 3052)
19 WATERLOO STREET, GLASGOW (TEL.: CENTRAL 2329)

54 FOSTER'S BUILDINGS, HIGH STREET, SHEFFIELD (TEL.: 22450)
39 QUEEN STREET, MELBOURNE, AUSTRALIA
155 AVENUE DE WAGRAM, PARIS, XVII^e (TEL.: GALVANI 19-79)

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News of the Week

Dangerous Drugs Act, 1932

(From "The London Gazette," May 30, 1933.)

At the Court at Buckingham Palace, the 25th day of May, 1933.

PRESENT.

The KING'S Most Excellent Majesty in Council.

Whereas by the Dangerous Drugs Act, 1932, the Dangerous Drugs Acts, 1920 to 1925 (10-1 G. 5. c. 46, 13-4 G. 5. c. 5., and 15 and 16 G. 5. c. 74), were amended so far as is necessary to enable effect to be given to the International Convention for Limiting the Manufacture and Regulating the Distribution of Narcotic Drugs signed at Geneva on behalf of His Majesty on the 13th day of July, 1931, and it was further provided that the Act should come into operation on such date as His Majesty might by Order in Council appoint:

And whereas under the terms of Article 30 of the said Convention, the Convention will come into force on the 9th day of July, 1933:

Now, therefore, His Majesty, in pursuance of the powers conferred upon Him is pleased, by and with the advice of His Privy Council, to appoint and it is hereby appointed that the Dangerous Drugs Act, 1932, shall come into operation on the 9th day of July, 1933.

M. P. A. HANKEY.

Anglo-German Trade

An Anglo-German Trade Association has been formed in London. It possesses an advisory council and an advisory committee which comprise experts from representative trades and industries. Among the members of the advisory council are:—Sir John Sandeman Allen, M.P., Mr. Alan E. Chorlton, M.P., Sir Philip Dawson, M.P., Major-General the Hon. Sir Newton J. Moore, Major R. Beaumont Thomas, M.P., and Sir William

Wayland. Further particulars may be obtained from the offices of the Association, 3 Gordon Square, London, W.C.1.

Advertisements in Post Office Publications

Negotiations between the British Medical Association and the Postmaster-General are referred to in "The British Medical Journal" of May 27. The Association urged that the Department should exclude from display in any medium under its control any advertisements of a patent medicine if

(1) The advertisement itself is inaccurate or misleading in its terms, or though unobjectionable in itself relates to a remedy advertised elsewhere by objectionable methods.

(2) The advertisement relates to a medicine purporting to cure any of the diseases of which a list is given in paragraph 58 (2) of the report of the Select Committee on Patent Medicines in 1914.

A letter from the General Post Office, dated April 24, defines the attitude of the Postmaster-General to these two suggestions. After pointing out that the Select Committee referred to did not recommend voluntary censorship by owners of advertising space, the letter continues:—

The Postmaster-General is clearly not in a position to ascertain the ingredients of a secret remedy or to assess the justification for any claims made on its behalf; and he is satisfied that any attempt on his part to exercise the proposed censorship over the terms of advertisements offered to him would be ineffective, and might lead to undesirable results.

The second proposal of the Association, however, is regarded as "capable of effective administration" subject to the rights of existing contracts: the Postmaster-General "has accordingly given instructions that any future contract for the exploitation by an advertisement contractor of any medium of advertisement controlled by the Post Office shall embody a clause

excluding from acceptance any advertisement for a patent medicine the terms of which suggest that the medicine has a beneficial effect in respect of the diseases scheduled in paragraph 58 (2) of the Committee's report."

Patents, Designs and Trade Marks Report

The fiftieth report of the Comptroller-General of Patents, Designs and Trade Marks has been issued (price 6d.) by the Stationery Office. The number of patents sealed was 21,150 (21,949 in 1931); of designs registered 19,887 (17,685 in 1931); of trade marks registered 6,060 (6,016 in 1931). Patents fees amounted to £481,989 (against £489,969 in 1931); designs fees to £10,784 (against £10,153); trade marks fees to £43,288 (against £40,476). Trade marks registered in Classes 1, 2 and 3 (for various chemical substances) numbered 742 (against 716 in the previous year); those in Class 48 (perfumery, &c.) amounted to 237 (compared with 190). Total receipts were £573,180, and expenditure was £427,157, leaving a surplus of £146,022 (£148,784 in 1931). The report states that in connection with the chemical industries the attention of inventors has been particularly directed to solvents, synthetic resins and wetting agents.

Visits to Works

About forty members of the Liverpool Chemists' Association recently spent an interesting afternoon at the Prescott works of the British Insulated Cables, Ltd. The visitors were divided into two parties, and were keenly interested in the work of the various departments.

A party of chemists and other photographic dealers, together with friends, numbering 120, from Sheffield and the adjoining towns of Chesterfield, Dronfield, Keighley, Rotherham and Wakefield, visited the Harrow works of Kodak, Ltd., on May 18. On arriving at Harrow they were welcomed by Mr. Carpenter (sales manager) and by Mr. E. J. Andrews (secretary, Photographic Dealers' Association). Both on the platform and on boarding the motor coaches, the visitors were "shot" by the Kodak ciné experts. At the works a "still" picture of the party was taken. There was only a limited time in which to see the works, but the visitors were able to see many of the company's activities. After the excursion round the works, a most amusing quarter of an hour was spent seeing the film taken during the afternoon. Tea followed, and a hearty vote of thanks to Kodak, Ltd., was proposed by Mr. A. Preston (president, Sheffield branch, P.D.A.). Mr. Carpenter, who responded, presented the ciné film to the guests so they could see themselves again on the screen at Sheffield. Each visitor received a brochure and a copy of the group picture. The arrangements were carried out most efficiently by the local secretary of the P.D.A., Mr. J. E. Crowe, chemist and druggist.

Manchester

At Manchester Assizes, recently, John Meadowcroft, described as a motor salesman, was sentenced to four months' imprisonment in the second division for having procured noxious drugs for a woman.

The following Whitsuntide closing dates have been arranged for the undermentioned wholesale houses in Manchester:—

Thomas Guest & Co., Ltd.: Closed all day on Whit Monday, Thursday, Friday and Saturday; open on Tuesday and Wednesday.

Hough, Hoseason & Co., Ltd., and *James Woolley, Sons & Co., Ltd.*: Whit Monday, closed; Tuesday, open until 5.30 p.m.; Wednesday to Saturday, open until 12 (noon) each day.

D. Mawdsley & Co., Ltd.: Whit Monday, closed; Tuesday and Wednesday, open until 5.30 p.m.; Thursday, open until 12 (noon); Friday, closed; Saturday, open until 12 (noon).

Sheffield

All shops on London Road are exhibiting on their windows a red and black poster stating "London Road is Cheaper."

An elaborate scheme has been completed for decorating the main streets of the city (in addition to special decoration of premises) for "Sheffield Week."

Miscellaneous

POISON-LICENCE APPLICATION.—Mr. H. J. Ponting, nurseryman, trading as Ponting Bros., Edenbridge, has applied to the Kent County Council for a licence to sell agricultural and horticultural poisons.

GLASS CONVENTION.—The third Glass Convention opened at Buxton on May 18. In the course of his presidential address, Sir Max Bonn said that in the six years 1924-30 the consumption of glass bottles had increased by 13 per cent. in weight. Prices of bottles and jars in the same period showed a decrease of 16.8 per cent.

LEVERHULME FELLOWSHIPS.—It is announced that the first Lord Leverhulme, in his will, directed that part of his estate should be directed to the provision of scholarships for research and education. The trustees have decided to devote the sum of £12,000 annually to research fellowships. Applications (from British-born candidates) should be addressed to the Secretary, Leverhulme Fellowship Scheme, Union House, St. Martin's-le-Grand, London, E.C.1.

POSTER DISPLAY AT OLYMPIA.—It is announced that the British Poster Advertising Association will conduct a poster competition at the forthcoming Advertising and Marketing Exhibition to be held at Olympia, London, W.14. No charge will be made for displaying the posters chosen, and all users of outdoor publicity are invited to submit posters for consideration by the selection committee. These should be sent to the Secretary, British Poster Advertising Association, 48 Russell Square, London, W.C.1, not later than June 14.

CLAIM FOR TABLE-WATERS DUTY.—At Clerkenwell Police Court, London, on May 25, Mr. Herbert H. Hewitt, trading as Eugene Geraut & Co., Farringdon Road, E.C.1, was summoned for failing to furnish the collector of customs and excise with a return of dutiable table waters. Mr. E. R. Booth appeared on behalf of the Commissioners of Customs and Excise, and Mr. R. G. Gibson-Robinson on behalf of the defendant. Mr. Booth said the outstanding duty, amounting to £23 14s., had not been paid. The case was adjourned in order to give the defendant another opportunity of paying it.

SOUTH OF ENGLAND COLLEGE OF PHARMACY.—The annual social and dance of the South of England College of Pharmacy was held at Clapham, London, S.W., on May 25. An enjoyable evening was spent by present students, old students and friends. After refreshments, a presentation of pipes was made to the principal (Mr. H. Lucas) by Mr. E. T. Manley, on behalf of the present-year students, in appreciation of his assistance, guidance and encouragement. After Mr. Lucas's reply, presentations were made to Mr. C. H. Happold, until recently a member of the College staff, of a brief case, by Miss Ewart on behalf of the students, and a memento, by Mr. Kemplay, from the staff. The M.C.s were Mr. R. Hunt and Mr. C. Kemplay.

IN THE COURTS.—At Marylebone Police Court, London, on May 24, Charles Eva (33), wireless mechanic, George Sutton (27), bookmaker, and James Tracey (25), commission agent, were charged on remand with breaking into the warehouse of Heppells, Ltd., Osnaburgh Street, N.W.1, and stealing razor blades valued at £300 (C. & D., May 13, p. 504). Albert Power (33), spindle hand, was charged with being concerned with the other defendants. Sutton and Tracey were each sentenced to six months' hard labour, Eva to four months' and Power to three months'.—In Chichester County Court, recently, the Pharmaceutical Society obtained judgment in the sum of £5 against H. R. Shemilt, Bognor Regis, for pretending to be a member of the Society while keeping open shop; and against the Newtown Pharmacy, Ltd., North Bersted, for selling lysol without having a registered superintendent. Costs were awarded on the higher scale in each case.

Irish Notes

Brevities

Mr. Samuel Gibson, Ph.C., Belfast, was a successful exhibitor in the Kerry and Dexter sections at the Royal Ulster Agricultural Society's show, taking twelve distinctions in all, including five "firsts" with two silver medals.

The Committee of Management of the South Charitable Infirmary, Cork, divided the contract for medicines between the Cork Chemical & Drug Co., Ltd., and P. J. Fielding, the only two tenders received. Two tenders were also submitted for the supply of surgical appliances; that of Egan & Co. was accepted.

When the Magherafelt Rural Council were discussing the desirability or otherwise of licensing travelling shops, Mr. Ritchie, a member, humorously said that he had seen one of these travelling shops selling more medicine than Mr. Badger (a local chemist and member of the Council) would sell in a month.

Mr. O'Grady, Parliamentary Secretary to the Department of Fisheries, in reply to a question in the Dail, said the price to be paid for kelp this season was not yet determined. When asked if it was proposed to pay only £4 to £4 10s. per ton, against an average of £7 or £8 per ton last year, he said that owing to a reduction of 50 per cent. in the world price of iodine, by which the value of kelp was regulated, prices naturally could not be as high as those previously paid.

Scottish Notes

Brevities

Mr. William Murdoch Cumming, D.Sc., has been appointed Young Professor of Technical Chemistry at the Royal Technical College, Glasgow.

Joint Scottish meetings of the Institute of Chemistry, the Society of Chemical Industry, and the Chemical Society were held in Glasgow, recently.

The early days of Glasgow University were referred to by Professor Ralph Stockman, LL.D., in a speech at the dinner of the London Club of the University on May 26.

At the annual conference of Scottish opticians held in Glasgow recently, it was urged that steps should be taken to prohibit the hawking of spectacles from door to door.

At a sale of antiques belonging to the late Professor L. Turton Price, of Dundee, an old Dutch bell-metal mortar with pestle, dated 1619, and an old bell-metal double-handled mortar with pestle, realised £7 5s. and £3 10s., respectively.

Mr. G. R. Thomson, chemist and druggist, Elgin, has won the John Gordon cup of the Moray Golf Club for the fifth time. During past years Mr. Thomson has won the scratch cup of the club on eleven occasions, seven of them being in succession.

Topical Reflections

By Xrayer

Legal Standards

for medicaments would appear to require the most serious consideration before adoption, and I am in full sympathy with the spirit of protest which pervades your article on this subject (*C. & D.*, May 27, p. 571). Neither the British Pharmacopoeia nor the British Pharmaceutical Codex is designed for adoption as an inflexible standard, and surely Parliament never intended that the Merchandise Marks Acts should be regarded as supplementary traps in which to ensnare respectable traders who conduct their business in such a way as to avoid trouble under the Adulteration Acts. The tendency to lay traps and invent standards is one which is much to be deplored, particularly when the victims of over-zealous public officials happen to be chemists who are doing their utmost to carry on business with a due regard for the interests of those to whom they supply medicines. It cannot pay any chemist to compound and dispense medicine other than accurately, and no one ever seems to suffer from using what is supplied by chemists who are unfairly exposed to public opprobrium in battles of the standards. Analysts and lawyers engaged in the public service may find a certain satisfaction in bolstering up cases such as those to which you are ever prompt to take exception, but there seems to be a useless waste of public money in many instances where chemists are subjected to something verging on persecution.

Test Prescriptions

that call for the dispensing of medicaments which are rarely if ever ordered by insurance practitioners, and no more frequently in private practice, would hardly appear to fall within the category of what is fair and reasonable. It is usually understood that the scheme for testing drugs and appliances is intended to provide opportunities for ascertaining whether medicines compounded and dispensed for insured persons are made up accurately, not whether the chemists to whom the test prescriptions are taken keep stock of everything that may conceivably be ordered for medical treatment. Though the two ingredients which a Grasmere chemist had failed to keep in stock (p. 561) are included by name in the Drug Tariff, it is notorious that they are very

infrequently used, and I should doubt if most chemists have much, if any, demand for them. In my own fairly long shop experience, I cannot remember either of the two tinctures in question being ordered in prescriptions. There were bottles containing both upon the shelves; but so ancient were the contents that I should have considered them unfit for use in the ordinary course. It was fortunate for the chemist whose conduct was impugned that medical men present were able and willing to vouch for the unusual nature of the prescriptions, and it is to be hoped that care will henceforth be taken to avoid sending out as tests for efficiency prescriptions which are obviously little more than useless traps.

Regulation of Apprenticeship

is now receiving serious attention in an important part of London, as I was particularly pleased to observe when turning over the pages of your last week's issue (p. 566). The scheme which has been submitted to preliminary discussion in South-East London possesses undoubted merit, and it will be interesting to learn later how it commends itself, not only to chemists in the district where it has originated, but also throughout the Metropolitan area generally. It would seem a pity to have different schemes in existence in different parts of London. But a more important point, perhaps, is that there should be unanimity on the subject in the particular district where it is proposed to put the scheme into operation. Further, while it is a matter of the utmost interest that, in one part of the country after another, schemes for the control and training of pharmaceutical apprentices should be receiving favourable attention, I can foresee trouble if every district is left to be a law to itself in this matter. All schemes of the kind should, I think, require the approval of the Pharmaceutical Society before they are put into operation, and the Society would seem to need regulations with which all schemes ought to comply generally, however much they may differ in respect of points of detail. This is essentially a direction in which the Society ought to take the lead in deciding the general lines on which control of apprenticeship should be exercised. But it is most encouraging to find the chemists in a single district proposing to take action on their own account if necessary.

Legal Reports

A Deposit in Cough Mixture.—The action brought by Mr. Charles Fargher, chemist and druggist, Splott Bridge, Cardiff, against Thomas Hodgkinson, Prestons & King, wholesale druggists, Bishopsgate, E.C.2 (*C. & D.*, March 25, p. 313), was mentioned to Mr. Justice Humphreys in the King's Bench Division on May 30. Mr. Fargher had claimed damages for breach of warranty in respect of two barrels of oxymel of squill. On March 21 a jury returned the following answers to questions put to them by the judge:—(1) Was one of the casks adulterated with cane sugar?—Yes. (2) Was that the cause of the deposit in the bottles of cough mixture?—Yes. After hearing arguments, his lordship now referred the question of damages to which the plaintiff was entitled to a Master, and granted the plaintiff the costs of the action. Judgment was entered accordingly.

Crushed Linseed.—At the Dungannon Petty Sessions, recently, Mr. Robert Lilburn, trading as T. W. Reynolds, Ltd., was summoned for having sold 1 lb. of crushed linseed which was certified by the public analyst to be deficient in oil to the extent of 8 per cent. Mr. Orr, for the defendant, asked that the summons be dismissed, as Mr. Lilburn was not the proprietor but the managing director of the company. He obtained the crushed linseed from a well-known Belfast firm. The defendant took the matter up with the manufacturers, who wrote that a test showed an oil content of 33 per cent. The district inspector said the oil-content standard was 30 per cent. and the sample purchased from the defendant showed only 21.99. Mr. Orr explained that for some time the defendants had not a qualified chemist, and during that time a larger stock was purchased than was necessary. He asked that the case be treated as a technical offence. The chairman said the magistrates did not suggest that the offence was deliberate or intentional. They imposed a nominal fine of 5s., with costs.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office

H. CAMISH, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. Solicitors: A. W. Woolf & Co., 14/15 Coleman Street, London, E.C.

MEYRICK & Co. (1933) LTD. (P.C.).—Capital £200. Objects: To carry on the business of wholesale and retail chemists and druggists, etc. R.O.: 67 Lord Street, Liverpool, 2.

R. J. HAMER & SONS, LTD. (P.C.).—Capital £25,000. Objects: To carry on the business of manufacturers of paints, varnishes, white leads, colours, manufacturing chemists, etc.

A. HALL (CHEMISTS), LTD. (P.C.).—Capital £100. Objects: To acquire the business of a chemist and druggist, carried on by A. Hall, at 65 Approach Road, Raynes Park, S.W.20.

CLASSICS, LTD (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in chemicals, medicines, etc. R.O.: Dominion House, Bartholomew Close, E.C.1.

BIO-CHEMICAL & COLLOIDAL TREATMENTS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. R.O.: 16 Northdown Street, King's Cross, London, N.

ERIC HOLLOWAY (CHEMISTS), LTD. (P.C.).—Capital £500. Objects: To carry on the business of pharmaceutical, consulting, analytical, manufacturing, wholesale and retail chemists, etc.

F. D. ALLISON (CHICHESTER), LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of chemists, druggists, photographic dealers, opticians, etc. R.O.: 51A South Street, Chichester.

IRISH BEAUTY PREPARATIONS, LTD. (P.C.).—Registered in Dublin. Capital £100. Objects: To carry on the business of chemists and druggists, importers and exporters of all kinds of medicines, drugs, etc.

WHYTE'S PRODUCTS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in chemical and pharmaceutical products, etc. R.O.: Central Chambers, High Street, Guildford.

W. & F. PESTELL, LTD. (P.C.).—Capital £500. Objects: To carry on the business of pharmaceutical, consulting, analytical, manufacturing, wholesale and retail chemists. Solicitors: Andrews Son & Huxtable, Dorchester.

MARVIRA COSMETIC Co., LTD. (P.C.).—Capital £200. Objects: To carry on the business of manufacturers of and dealers in cosmetics, powders, dyes, soaps, salves, balms, etc. R.O.: 11/17 Carter Street, Greenheys, Manchester.

NOVOBEL, LTD. (P.C.).—Capital £200. Objects: To carry on the business of manufacturers of and dealers in the "Novobel" belt and medical and surgical belts, etc. Secretary: Harold A. Whiting, 69 Leadenhall Street, E.C.

JANE SEYMOUR, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in preparations, compounds and apparatus used in connection with cosmetics, medicines, etc. R.O.: 23 Woodstock Street, W.1.

TAYLOR PAGE, LTD. (P.C.).—Capital £200. Objects: To carry on the business of warehousemen, manufacturers of or dealers in carbides, cyanamide, nitrogen, nitric acid, sulphuric acid, ammonia, etc. R.O.: 1/2 Kirkland Place, Greenwich, S.E.10.

EXCLUSIVE TOILET PREPARATIONS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturing chemists, importers and exporters of and wholesale and retail dealers in hair lotions, perfumes, etc. Secretary: Richard Lye, 16 Godliman Street, E.C.

BRICK TRUST, LTD. (P.C.).—Capital £100. Objects: To acquire from Germaine Pechin *née* Lacroux and Louis Pechin, of Bois-Colombes (Seine), France, the benefit of certain existing inventions relating to a process for preparing transparent artificial resins by condensing phenols and formaldehyde. R.O.: 1 London Wall Buildings, E.C.2.

THE CHEMICAL AND METALLURGICAL CORPORATION, LTD.—A circular to the shareholders states that the board is in negotiation with a substantial concern, and it is anticipated that as a result an offer will be made by the concern in question to acquire the whole of the issued share capital of the corporation.

Voluntary Liquidation

Barclays Chemists Limited, Liverpool. The creditors were called together recently at the offices of Messrs. John Airey & Co., I.A., Liverpool. The statement of affairs showed liabilities of £1,234 15s. 11d., made up as follows:—Trade creditors, £992 15s. 4d.; cash claims, £129 10s.; bankers, £99 17s. 4d.; and partly secured creditors, £12 13s. 3d. The total claims of the latter were £15 13s. 3d., but securities to the value of £3 were held. There were also fully secured creditors for £7. The assets consisted of cash in hand, £5 10s. 6d.; stock £250; fixtures, £205 3s. 6d.; sundry debtors, £19 3s. 9d.; uncalled share capital, £100; and surplus from fully secured creditors, £7, making a total of £586 17s. 9d. After allowing £11 3s. for preferential claims, the net assets were £575 14s. 9d., or a deficiency as regarded the creditors of £659 1s. 2d. The issued capital was

£392, and as regarded the shareholders there was a deficiency of £1,051 1s. 2d. The company was registered in September, 1928, with a nominal capital of £1,000. At one time the company traded at Rice Lane, Walton, and Longmoor Lane, but both those businesses had been disposed of. The company, however, still retained the shop at Orrell Road, Bootle. The accounts showed that during the year to September, 1929, there was a net loss incurred of £134, and in the following year a net loss of £64. A net profit of £15 was earned in the succeeding twelve months, but during the period to May 20 last it was estimated that there was a net loss of rather more than £700. The deficiency was accounted for by the accumulated losses on the trading. A resolution was passed confirming the voluntary liquidation of the company, with Mr. John Airey as liquidator, together with a committee.

Business Changes

MR. GILBERT PARK, chemist and druggist, is opening a pharmacy at 16 Old Street, Riccarton.

BOOTS, LTD., have acquired the business of Mr. R. B. Thurstans, chemist and druggist, Selby.

MR. J. MILES THOMAS, chemist and druggist, has opened a pharmacy at 95 Holton Road, Barry Dock.

MR. W. SELBY ENNALS, chemist and druggist, has opened a pharmacy at 97 High Street South, Dunstable.

MR. JOHN PATON, chemist and druggist, has acquired the business of Mr. Lawrence Scobie, chemist and druggist, 8 Broomknoll Street, Airdrie.

MR. T. BELLAMY, Ph.C., has taken over the two businesses of the late Mr. L. R. Broad, chemist and druggist, at King's Road and Warley Hill, Brentwood.

SAVORY & MOORE, LTD., chemists, have acquired the retail and dispensing business of W. Browne & Co., Avenue Pharmacy, 509 Finchley Road, Hampstead, London, N.W.3.

Wills

MR. JOHN THORBURN THOMSON, Medical Hall, The Cross, Doune, Perth, who died on November 2 last, left personal estate in Great Britain valued £4,345.

MR. GEORGE WILSON, 404 Westborough Road, West-cliff-on-Sea, Essex, pharmacist, who died on December 8 last, aged fifty-one, left £6,386, with net personalty £5,392.

MR. DAVID DULLEY, 19 Vicarage Road, Cromer, Norfolk, chemist and druggist, who died on November 29 last, aged seventy-three, left £8,657, with net personalty £5,090.

MR. FREDERICK SAMUEL HORSEY, 44 Kings Hall Road, Beckenham, Kent, and of 2 Queen Street, Cheap-side, E.C., chemist and druggist, and optician, who died on March 11 last, left estate gross value £5,687, with net personalty £610.

MR. JOHN INNES MCINTOSH, 106 Queen's Road, Peckham, S.E., chemist and druggist, who died on November 5 last, aged forty-seven, left estate "so far as can at present be ascertained" gross value £10,729, with net personalty £4,183.

MR. WILLIAM ADAM SADLER, J.P., 30 Queensborough Gardens, Hyndland, Glasgow, director of Sadler & Co. (Glasgow), Ltd., soap manufacturers, who died on November 11 last, left personal estate value £11,640, of which £11,304 os. 10d. is in Great Britain.

MR. SAMUEL GEORGE CHALLINOR, Braeside, Caverswall Road, Blythe Bridge, Staffs, chemist and druggist, for some years a member of the Stoke-on-Trent City Council, who died on February 2 last at Manchester, left estate gross value £20,415, with net personalty £18,232.

Stock Exchange Prices

£1 Shares unless otherwise stated	Dec. 31, 1932.	Apr. 29, 1933.	May 30, 1933.
	s. d.	s. d.	s. d.
Allen & Hanburys, 7% Prefd. Ord.	23 9	23 3	23 9
Amalg. Dental Co., 8% Prefd. Ord.	23 0	24 0	24 0
" " Deferred 5s. ...	3 9	4 3	4 3
Ayrton, Saunders & Co., 7½% Pref.	12 6	15 7½	15 7½
Beechams Pills, Deferred 1s. shares	2 6	2 7½	2 7½
Benger's Food, Ord. ...	40 0	40 0	40 6
Benzol & By Products cum. part Pref.	0 7½	0 9	0 9
Berger (Lewis) & Sons, Ord. ...	22 6	25 0	28 9
Boake (A.), Roberts & Co., 5% Pref.	16 3	16 9	18 9
Blundell Spence & Co. ...	5 9	10 0	12 6
Boots Pure Drug, Ord. ...	153 9	155 0	147 6
Boots Pure Drug, 7% "A" Prefd. Ord.	28 0	28 3	28 3
Boots Cash Chemists(S.), 6% "A" Pref.	26 9	27 3	27 3
Borax Consol., Dfd. Ord. ...	12 9	11 3	13 6
Bovril, 6% Pref. ...	25 6	24 6	24 9
" Ord. ...	27 0	26 0	24 9
" Dfd. ...	24 0	24 3	25 6
British Cyanides, Ord., 2s. shares ...	2 3	2 1½	2 3
British Drug Houses, The, Ord. ...	13 3	18 9	18 0
British Glues & Chemicals, 4s. Ord. ...	2 9	2 6	2 9
British Oil and Cake Mills, Prefd. Ord.	37 6	36 3	37 6
British Oxygen, Ord. ...	26 3	28 0	33 0
British Photo. Indus., 6% Cum. Pref.	5 0	5 0	5 0
Burt Boulton & Haywood Ord. ...	20 3	17 6	17 6
Bush (W. J.), & Co., 5% Pref. £5 ...	77 6	77 6	81 3
Callard, Stewart & Watt, Ord. ...	5 0	5 0	6 3
Chance & Hunt 4% 1st Mort. Deb. £100	£78	£78	£78
Cooper McDougall & Robertson Ord.	17 6	23 0	27 6
Crosfield (Joseph) & Sons, 6½% Pref.	25 3	27 0	26 6
Drug Incorporated (no par value) ...	\$53	\$54	\$68
Dubarry Perfumery, Ord. 1s. ...	1 9	1 10½	2 3
" 7½% Pref. ...	19 6	20 0	20 0
Eastman Kodak Com. (no nom. value)	\$81	\$81	\$98
Evans Sons Lescher & Webb, Ord.			
6s. 8d. shares	2 0	2 0	1 9
" 6% cum. part. Pref.	2 9	3 9	3 9
Field (J. C. & J.), Ord. ...	21 3	21 6	21 6
Galloway (P. H.), Ord. 2s. ...	2 9	2 10½	3 0
" 7½% Cum. Pref. ...	23 0	23 9	23 9
Gossage (William), 6½% Pref.	25 6	25 6	26 6
Grout & Co., Ord. ...	17 0	15 0	18 6
Hodders, Ord. 1s. ...	0 2	—	—
Ilford, Ltd., Ord. ...	26 3	28 0	32 6
" 6% Pref. ...	23 0	24 6	25 0
Imperial Chemical, 7% Pref.	27 6	28 0	28 0
" Ord. ...	26 3	24 6	26 6
" Dfd. 10s. ...	6 10½	5 10½	6 6
Intern. Sponge Importers, 6% Pref.	8 9	6 3	8 4½
Kent (G. B.) & Sons, 5½% Pref. ...	6 10½	5 0	5 0
Knight (John), 25% Prefd. Ord. ...	82 6	92 6	90 0
Laporte (B.) & Co., Ltd., Ord. ...	21 6	27 6	32 6
Lever Bros., Ltd., 7% Pref. ...	28 0	28 6	28 9
" 8% Pref. ...	27 0	27 9	29 0
" 20% Prefd. Ord. £1 ...	55 0	58 3	59 0
Lewis & Burrows, Ord. ...	22 6	23 9	23 6
" 6% Pref. ...	19 0	20 0	18 9
Liebig's Ext. of Meat, Ord. £5 ...	£8½	£10½	£12
Mellin's Food, 6% Pref. ...	1 3	1 0	1 3
Nathan (Joseph) & Co., 7% Pref. ...	13 3	12 0	13 9
" 8% Prefd. Ord. ...	3 9	2 0	4 6
Pears (A. & F.) 5% Deb. £100 ...	£105	£103½	£103
Phosferine (Ashton & Parsons) 8% cum. partic. Ord. ...	14 6	16 6	17 6
Reckitt & Sons, Ord. ...	94 3	93 0	97 0
Salt Union, Ord. ...	35 0	29 9	33 9
Sangers, Ord. 5s. ...	10 6	12 0	12 3
" Sanitas," The, Co., 9% Pref. ...	27 6	28 3	28 1½
Sanitas Trust, 10% partic. Pref. ...	23 6	26 6	26 6
Smith (Stephen) & Co., Ord. 5s. ...	9 10½	9 3	10 0
Spratt's Patent, Ord. ...	62 6	57 6	61 3
Stevenson & Howell, 6½% Cum. Pref.	20 0	21 3	25 0
Taylor's Cash Chemists (Lon.) 1s. Dfd.	0 6	0 6	0 5½
Taylor's (Cash Chemists) Trust. 7½% Cum. Pref. Ord.	10 0	11 0	11 0
" 1s. Dfd. ...	0 6	0 6	0 6
United Glass Bottle Man., 6% Mt. Deb. Stk., £100 ...	£107	£107½	£107
Veno Drug Co., 8% Pref. ...	20 0	20 6	21 3
Virol, Ltd., Ord. ...	30 0	27 6	27 6
" 7% Pref. ...	25 6	26 3	26 3
White (A. J.), Ltd., Ord. 10s. ...	14 3	15 0	15 6
White (Timothy), 7½% Prefd. Ord. ...	24 0	23 6	24 3
" 1s. Dfd. Ord. ...	2 0	2 3	2 3
Wright Layman & Umney (1932) 7% cum. Pref.	24 6	24 0	24 3
Yorkshire Indigo & Col. Dyers 5s. Ord.	0 10½	0 10½	0 10½

"C. & D." Retail Price List

THE May drug index shows a slight fall from the April figure of 148.9, to 148.7. The corresponding figure for last year was 143.3. In surgical dressings there is no change to report, the index figure being 136.5 against 135.7 for the corresponding period last year. The following list includes the important price changes since the last issue of the C. & D. Retail Price List, on April 8:—

Cost			Selling Price			
d.	per		16 oz. s. d.	4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
22	lb.	Aurantii cortex exot. ..	2 9	0 11	0 4	..
22	oz.	Barbitonum .. B	—	—	3 3	0 6
30	lb.	Cera alba in massa ..	3 9	1 1	0 4	—
96	lb.	Ext. ergot. liq. .. B	—	3 6	1 0	0 2
66	lb.	Ext. ergotæ liquidum '14 B	—	2 5	0 9	0 2
72	lb.	Ext. grindeliæ liquidum	—	2 9	0 10	0 2
21	oz.	Ext. hydrastis liquidum C	—	—	3 0	0 5
23	oz.	Menthol	—	—	3 5	0 6
114	lb.	Ol. menthæ Jap. (de-menth.)	—	4 0	1 1	0 2
54	oz.	Phenobarbital	—	—	—	1 2
54	oz.	Phenobarbital, solubile ..	—	—	—	1 2
18	lb.	Potassii ferrocyanidum coml.	2 3	0 8	0 3	—
24	lb.	Psyllii sem.	—	1 1	0 3	—
7	oz.	Pulv. ipecacuanhæ et opii B, ex F	—	—	1 0	0 2
96	lb.	Spt. cajuputi	—	3 2	1 1	0 2
72	lb.	Tr. asafetidæ	—	2 5	0 8	0 2
33	oz.	Totaquina	—	—	4 9	0 9

Association Meetings

Croydon.—At a meeting, on May 19, of the Croydon Pharmacists' Association and Branch of the Pharmaceutical Society, Mr. D. J. Williams in the chair, an address on *Civilisation's Debt to Preventive Medicine* was given by Dr. O. Holden (medical officer of health for the County Borough of Croydon). In the course of his address, Dr. Holden said that, while preventive medicine had practically stamped out many diseases, including tuberculosis, its chief problem now was to deal effectively with such diseases as cancer, in the incidence of which there seemed to be no diminution. Dr. Holden mentioned that a comparatively new problem of local interest with which preventive medicine had to deal was the introduction into this country of diseases brought from the East by people arriving at the air port of Croydon. The speaker also dealt with matters of direct business interest to pharmacists, such as the activities of welfare centres, and stated that the policy of his department was to recognise local business interests and not to interfere with private rights. He appreciated the fact that pharmacists played an important part in the health service of the community, and stated that the medical profession were desirous of co-operating more closely with them. On the motion of Mr. Lewis, a vote of thanks was accorded to Dr. Holden for his address.—At the annual meeting of members of the Association and Branch Mr. D. J. Williams was re-elected *President* of the Association, and Mr. H. E. Chapman *Chairman* of the Branch. Mr. H. C. Neve was re-elected *Secretary*, and Mr. C. Dickinson *Treasurer*.

BUT NOT VERY NEARLY.—"Nearly 2,000,000 more medical students had been registered in 1932 than in 1931."—"The Times," May 24. (The actual registration figures are 1,947 and 1,643 respectively.)

Pharmaceutical Society

of Great Britain

Branch Meetings

Aberdeen.—The annual meeting of the Aberdeen and North-Eastern Scottish Branch was held on May 24, Mr. Charles Simpson (chairman) presiding. The chairman was supported by Mr. J. Rutherford Hill (resident secretary in Scotland) and Mr. James Jack (a member of the Society's Council). The following officers were appointed:—*Chairman*, Mr. Charles Simpson (Aberdeen); *Vice-Chairman*, Mr. A. S. Weir (Kemnay); *Treasurer*, Mr. W. A. Park (Aberdeen); *Secretary*, Mr. J. Farquhar (Aberdeen); *Auditor*, Mr. W. S. Taylor (Inverurie). Mr. Rutherford Hill explained the position with regard to the Pharmacy and Poisons Bill. The Home Office and the Society, he said, had agreed that no amendments other than those agreed upon between the Department and the Society were to be supported. After consideration, Mr. W. F. Hay moved that a telegram be sent to the Council that the Aberdeen and North-Eastern Scottish Branch unanimously resolved to support the Council and North British Executive in urging the Government to pass the Bill without any amendment to Clause 6 or the Second Schedule. The resolution was unanimously adopted.

Leeds.—The annual meeting of the Leeds and District Branch was held on May 25, Mr. Paul Dobson (retiring chairman) presiding. There was a good attendance. Mr. G. C. Crummack (secretary) stated that the Branch had had a very busy and interesting year. For some of the officers the work had involved attendance at no less than twenty-two meetings. The Science Subcommittee continued its service of tests, investigation and advice open to all members. Another year of great activity was ahead in completing arrangements for the British Pharmaceutical Conference, to be held in Leeds in 1934. Much preparatory work had already been done, and a district Conference Executive of ten ladies and thirty-four gentlemen would have the assistance during Conference week of a panel of many voluntary helpers. The local Conference Executive had elected Messrs. N. N. Armitage, W. P. Bowman (Goodall, Backhouse & Co.) and G. A. N. Hirst (Hirst, Brooke & Hirst, Ltd.) as vice-presidents. The treasurer (Mr. A. W. Lupton), in his report, showed that an outstanding deficit had been wiped out and there was a small surplus. The following officers were elected for the ensuing year:—*Chairman*, Mr. J. H. Gough; *Vice-Chairman*, Mr. Paul Dobson; *Treasurer*, Mr. A. W. Lupton; *Secretary*, Mr. G. C. Crummack; *Council*, Messrs. J. Judge, W. Eadie, R. Swaits, G. H. Haw, W. F. Kemp, G. A. Nelson, F. C. Long, H. Hodgson, T. Shooter, James Lancaster, N. H. Burns and T. Heseltine, together with past-chairmen and Messrs. N. N. Armitage, J. H. Beacock and H. Gilleghan (a member of the N.P.U. Executive) as *ex-officio* members. Mr. Dobson, replying to thanks for his services in the chair during the past year, referred especially to the working of the apprenticeship scheme, and remarked that while it had already proved successful as introducing a better type of boy into the craft, the demand for apprentices under the new scheme had been heavier than the supply. With the help of the local education authority there was every expectation that that would be remedied during the coming year, and there was a likelihood of considerable extension of the scheme to other areas.

WILLING'S PRESS GUIDE, 1933.—The sixtieth annual issue of this useful book of reference forms, as usual, a compendium of the Press of the United Kingdom, the Irish Free State, and the principal Dominion, Colonial and foreign periodical publications. Census figures are given in the provincial town list, and changes in publication during the past twelve months are recorded in the introduction. The handbook is published at 2s. 6d. by Willing Service, 356-364 Gray's Inn Road, London, W.C.1.

National Pharmaceutical Union

Executive Meetings

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held at 4 and 5 Queen Square, London, W.C.1, on May 23, Mr. P. F. Rowsell in the chair.

BRANCH ORGANISATION

The Executive considered and adopted a recommendation submitted by the General Purposes Committee for an extension of the present system of payments to the branches. It was decided to make a small allowance to branches for postal and incidental expenses. Each branch will be required to submit at the beginning of the year a list of members in respect of whom the allowance is required, and at the end of the year to submit accounts showing expenditure covering the allowance claimed. In this way the secretaries will be provided with funds which it is hoped will be sufficient to meet the cost of secretary's postages, etc. A maximum of 6d. per member has been fixed for these expenses, and payments will be made up to that amount as required. This allowance is quite distinct from the payment of all the expenses of four branch meetings per year.

PUBLICITY SCHEME

A report was received from the Publicity Committee upon the response which had been received to the circular asking for members for the Pharmaceutical Publicity Association. While a very considerable number of applications had been received up to date, the number had not reached the figure which was regarded as the minimum under which the scheme could be satisfactorily worked. The Executive approved the design for a sign which was to be presented to every member of the Publicity Association, and received preliminary estimates of the cost of publicity submitted by a firm of advertising experts.

MARKETING COMMITTEE

The Marketing Committee reported on action taken in connection with the Colgate-Palmolive-Peet offer, and recommended that such offers should be discouraged.

MEDICAL BENEFIT (N.H.I.)

A letter was received from the Ministry of Health stating that it was their intention to make any form of lubricant available as part of medical benefit when

ordered for use with a catheter, the particular form of lubricant to be stated on the prescription by the doctor.

C.D.A. Matters

The secretary reported that there were eight cases outstanding since the last meeting of the directors. Two of these might be considered closed. The following case had been settled:—Illness caused by pot. bichrom. supplied for pot. bicarb.; claim settled by payment of £88. Eleven new cases had arisen during the month, and settlements had been effected in eight of these as follows:—Illness caused by camphorated oil supplied for olive oil; claim settled by payment of 10s. 6d. Sausage meat spoiled by clothes bleach supplied for bisulphate of lime; claim settled by payment of 15s. Damage caused by cycling errand-boy; claimed settled by payment of 19s. 6d. Clothing burned on member's gas jet; claim settled by payment of £3 10s. Coat torn by member's weighing machine; claim settled by payment of 3s. Injuries caused by cycling errand-boy; claim settled by payment of £1 3s. 8d. Damage to car caused by cycling errand-boy; claims settled by payment of £3 13s. 4d. and £5 os. 9d. respectively.

The secretary reported that legal advice had been given upon a variety of subjects and seventeen analyses had been undertaken for members under the "free" arrangement. Police-court cases in which members had been defended were also mentioned.

Branch Meetings

Leicester.—The annual meeting of the Leicester and Leicestershire Branch was held on May 24. The following officers were elected:—*Chairman*, Mr. F. T. Wilby; *Vice-Chairman*, Mr. D. Hackett; *Secretary*, Mr. G. H. Rimmington; *Treasurer*, Mr. J. T. Bradley; *Committee*, Messrs. Clark, Clear, Forryan, Mellor, Peberdy, Smith, Spiers and Ward; *Auditors*, Messrs. Blockley and Densham; *P.A.T.A. Local Secretary*, Mr. F. T. Wilby; *Delegate to Chamber of Trade*, Mr. C. C. Lenton.

Somerset.—The annual meeting of the Somerset Branch was held on May 25. The following officers were re-elected:—*Chairman*, Mr. H. W. Vanes; *Vice-Chairman*, Mr. F. E. Cooper; *Treasurer*, Mr. R. F. Hutchin; *Secretary*, Mr. F. Orchard. The chairman announced an agreement among Weston-super-Mare chemists to price-mark all new prescriptions, the code word being "Bishopgate." The secretary was asked to try to get the same system adopted throughout the area. The pharmaceutical publicity scheme was considered, but owing to time spent on routine business, full discussion of the scheme had to be postponed.



STUDENTS FROM LEICESTER, BIRMINGHAM AND CARDIFF AT THE WORKS OF THE UNITED CHEMISTS' ASSOCIATION, LTD., CHELTENHAM (C. & D., MAY 27, p. 556). IN THE TWO FRONT ROWS ARE MESSRS. MILLER, EVANS, HEARLE AND GRIFFITHS (DIRECTORS), AND MESSRS. CHAMINGS (LEICESTER), THORPE (BIRMINGHAM) AND LLOYD (CARDIFF). MRS. MILLER AND MRS. LLOYD ARE ALSO PRESENT.

Dental Board of the United Kingdom

THE twenty-fourth session of the Dental Board of the United Kingdom was held at 44 Hallam Street, London, W.1, on May 10 and 11, the chairman (the Rt. Hon. Sir Francis Dyke Acland, Bt., M.P.) presiding. After the roll had been called and a new representative of the Minister of Health introduced, Sir Francis Dyke Acland delivered the

CHAIRMAN'S ADDRESS,

which began, as usual, with references to changes of *personnel* in the Board. The chairman noted with regret the retirement of Colonel King, registrar of the Board since its formation. Of the matters mentioned as having come before the Discipline Committee, the following are of general interest:—

We have found that a certain number of London and provincial dentists are using in telephone directories the letters "D.D.S." when this qualification is not entered in the Register in respect of their names. This is an infringement of the Dentists Act, as it is using a professional status or qualification which is not indicated by particulars entered in the Register. This is a matter in which it ought not to be necessary for us to take legal proceedings, and I hope that the letters which we have written to those whom we know to be offending may have the desired result. . . .

A curious position has been found to exist in parts of the mining area of S. Wales, directly resulting from the deep industrial depression. A man of the miner class not on the Register will set up as a mechanic, often unnecessarily advertising himself as such, and will induce persons requiring dental attention to go to a dentist for extractions, and to come to him for the taking of impressions, and the making and fitting of dentures at a rate cheaper than a dentist can afford. There is also widespread canvassing by dentists, of which it is almost impossible to obtain evidence, and the canvassing is sometimes accompanied by willingness to provide dentures for members of approved societies for the amount allowed by the society only.

Attempts to avoid difficulties of currency have, as we know, been made between nations lately by resort to barter, and a few of the dental profession have been adopting the same method. There have been advertisements offering dental services in return for furniture, cars, typewriters, wireless sets, silverware, the services of an accountant and external house-painting; but advertising of this kind, even under a box number, is dangerous country for a dentist. . . .

The concluding sentences of the address dealt with the finances of the Board.

DISCIPLINARY CASES

The first three cases taken were originally before the Board on May 11, 1932, and had been adjourned for a year with a stipulation as to conduct in the interval. Testimony was now forthcoming in each case; and the respondents, Messrs. W. E. Griffin, 41 Russell Street, Forest Road, Nottingham, J. A. R. Allison, The Dampton, Kilbarchan, Renfrewshire, and G. R. Matland, 75 Moorgate, E.C.2 (C. & D., 1932, I, 640) were informed that their names were retained on the Register.

Several new cases were investigated, but only one recommendation for removal from the Register was made. The respondent was Mr. William Isaac Tromans, 2 St. Luke's Road, Pontnewynydd, Pontypool, who was charged with wrongfully obtaining payment and other offences. Of the remaining cases one was adjourned on account of the illness of the respondent, and two were withdrawn. Two dentists, Mr. Walter Grundy, 1 Belgrave Square, Darwen (charged with canvassing), and Mr. Theodore Stewart, 128 Heath Road, Twickenham (charged with exhibiting lettering of excessive size), were discharged with a caution; and the case of one respondent, Mr. Richard Charles Virgo, L.D.S., 1 Station Road, Burgess Hill (charged with falsely certifying), was left for further consideration in November.

REPORTS OF COMMITTEES

The reports of the various committees contained little of general interest. An application from the General

Medical Council to be allowed to rent the unoccupied rooms at the top of the building for the purpose of a laboratory in connection with the British Pharmacopœia was acceded to. The Finance Committee reported an income of £42,861 for the past year and a net expenditure of £41,166.

General Medical Council

THE hundred and thirty-seventh session of the General Medical Council opened at 44 Hallam Street, London, W.1, on May 23, the president (Sir Norman Walker) in the chair. After the usual preliminary business came the

CHAIRMAN'S ADDRESS,

which commenced with regret on the loss of colleagues by retirement or death and greeting to new members. Brief reference to the Registers and to the Pharmacopœia Commission led to a valedictory note on the retirement of Mr. Norman C. King, the Council's registrar, who has filled that office since 1911 and has been in the service of the Council for thirty-six years. A considerable part of the address was devoted to a review of the progress of medical education since the Council began to function in November 1858. The president passed to a commendation of "a specially interesting report of the Dental Education and Examination Committee," and ended by cautioning the medical profession against fee-splitting, remarking that a conviction under the Act for Punishment of Corrupt Transactions with Agents would inevitably bring the offender under the jurisdiction of the Council.

RESTORATIONS

It was reported that the names of the undermentioned persons had been restored to the "Medical Register":—

Boon, Alfred H.	Kapur, Prag Nath.
Davis, Norman.	Kerr, William M. (S).
dos Santos, Manoel P.	Khanna, Manmohan N. (Col).
Hacker, Emerich.	Lawlor, Solomon (I).
Harling, Harry Simpson.	Macdonald, Flora M. (S).
Hetherington, John.	Longson, Frank M.
Hines, Arthur.	Meyer, Benjamin A. (S).
Johnson, Edward P.	Precope, John.
Johnson, James D.	Stonehill, Gerald.
Jones, Owen R. (S).	Wood, Charles (S).

DENTAL BUSINESS

After consideration of a report from the Dental Board, the Council directed that the name of William Isaac Tromans be erased from the Dentists Register. The president announced that the names of Mihrane Haroutune Chirinian and Archibald MacNab Robertson were restored to this Register.

DISCIPLINARY CASES

Mr. Frederick P. R. Grover, 18 Charing Cross Road, W.C.2, a holder of the Scottish triple qualification, was summoned to present testimonials in consequence of a conviction for driving a motor car while under the influence of drink. Testimonials were presented, and the respondent was informed that his name was retained on the Register.

Mr. Bertram Mayhew Bone, M.B., C.M., was summoned to appear in consequence of being a co-respondent in a divorce case. Mr. Bone, who was present, was represented by Sir Henry Curtis Bennett, K.C., and Mr. C. Humphreys. The facts alleged in the notice of inquiry were not found to be proved.

(To be continued.)

THE visit of H.R.H. the Duke of York, during his recent tour of the Midlands, to the works of Robinson & Sons, Ltd., cardboard box and surgical dressings manufacturers, Chesterfield, was depicted in a number of illustrations in a recent issue of the "Derbyshire Times."

Proprietary Medicines in England

Notes of a paper read by Mr. H. E. Chapman, Barrister-at-Law, before the West Middlesex Pharmacists' Association

IT has been said by eminent medical authorities, who profess to despise what they refer to as "the fetish of the medicine bottle," that the British public is inordinately addicted to the consumption of physic. Treatment, unless accompanied by the traditional ration of medicine, is certainly regarded with suspicion by the majority of our fellow citizens, who expect the physician to expedite the *vis medicatrix naturæ* by administration of the appropriate mixture, pill or tablet.

During the seventeenth and eighteenth centuries medical practice rested on a much lower basis than is the case to-day; there were probably as many quack doctors practising medicine as there were qualified physicians. Very often, in fact, there was little to choose between the qualified practitioner and the unqualified charlatan. In the literature of the eighteenth century numerous references to quacks, both orthodox and unorthodox, and their remedies abound. For example, Fielding, in his "Journal of a Voyage to Lisbon," describes his own experience of the secret remedies of the famous Joshua Ward, of whom he wrote:—"Obligations to Mr. Ward I shall always confess. The powers of Mr. Ward's remedies want no unfair puffs of mine to give them credit." The "Pills" and "Drop" of Ward (strong antimonial preparations) are also mentioned by Pope, Gibbon, Horace Walpole, and by Lord Chesterfield, the latter testifying that, from what he termed "that great specific," he received much benefit. Ward attended and gave relief to George II, and, as a mark of Royal favour, was allowed to practise unmolested by the College of Physicians.

Lord Chesterfield was convinced of the virtues of many of the contemporary nostrums and specifics, while, in his "Citizen of the World," Oliver Goldsmith, himself a physician, makes the Chinese visitor to London declare that:—"The English are peculiarly excellent in the art of healing. There is scarcely a disorder against which they are not possessed of an infallible antidote. The advertising professors here delight in cases of difficulty. . . . You will find numbers in every street, who, by levelling a pill at the part affected, promise a certain cure. The doctor solemnly affirms the pill was never found to want success; he produces a list of those who have been rescued from the grave by taking it. Every dead wall is covered with their names, their abilities, their amazing cures, and places of abode. Few patients can escape falling into their hands, unless blasted by lightning, or struck dead with some sudden disorder." Daniel Defoe, in his vivid "Journal of the Plague Year," says that, when that great scourge came, "people ran madly after every quack, mountebank, and practising old woman who had antidote or remedy to sell." "Infallible preventive pills," "never-failing preservatives," "sovereign cordials," and the like were advertised on every hand, and the sellers, Defoe tells us, reaped a rich harvest from their wares.

The First Medicine Tax

The first medicine tax was levied in 1783, and was an outcome of the American War of Independence. It was one of the means devised for paying off the debt incurred by this war, and was proposed by Lord John Cavendish, the then Chancellor of the Exchequer, in his Budget of that year. His speech is briefly reported as follows:—"Quack medicines, he thought, were very proper objects of taxation; and he believed the House would be surprised at the sum that he had good grounds for believing a tax on them would produce. First he would have all persons who sold medicines, and who were not regularly bred to the profession of doctors, etc., to take out a licence; and this being done there should be a duty of 8 per cent. laid on the medicine, which he believed

would produce £15,000." An Act on the lines proposed in the Budget was subsequently passed, and all persons, except surgeons, apothecaries, druggists, or chemists, or persons who had not had a shop three years, were required to have a licence to sell medicines (patent or other). The licence for the London district was 20s., and for any other part of Great Britain 5s. In addition to this, a duty of 3d. had to be paid on medicines of the value of 2s. 6d. and under; for medicines of greater value the duty was higher in proportion. For infringement of the law various fines were fixed, and for forging a medicine stamp the punishment was "death without benefit of clergy." This Act did not work well, and the revenue from duties on medicine was disappointingly small; it was replaced in 1785 by another measure, which was again amended several times before the Act of 1812 was passed. This, the principal Act, has remained in force for 120 years, the only really important variation of its provisions being the increase in 1915 of the rates of duty levelled on the preparations which, under the Act, are liable to stamp duty.

The Act provides for the exemption from medicine stamp duty of various classes of preparations. The first of these exemptions covers all drugs named or contained in the "Book of Rates" of Sir Harbottle Grimstone, who flourished in the reign of Charles II. The "Book of Rates," which was a list of commodities, together with the import duties levied on them, includes a number of crude drugs, and such curiosities as "Bezor Stone of the West Indies," "Blatta Byzantia" and "Bunkins or Holliworsles." This exemption is of no practical interest at the present time for, so far as crude drugs mentioned in the "Book of Rates," and still used, are concerned, they are covered by the "entire drugs" exemption.

Secondly, there is the exemption mentioned above in regard to "entire drugs," that is, drugs sold without admixture, such as phenacetin or aspirin. Simple drugs dissolved in water or mixed only with a colouring agent are included in the exemption, but, curiously enough, the exemption does not apply to drugs mixed or extracted with alcohol.

"Known, Admitted and Approved" Remedies

The third and, from the chemist's point of view, most important of the exemptions, is that in respect of "known, admitted and approved" remedies. This is embodied in the clause which exempts mixtures, compositions or preparations "uttered or vended by any surgeon, apothecary, chemist or druggist," when such mixtures, etc., are known, admitted and approved of in the prevention, cure or relief of any disorder, malady, ailment or complaint incident to the human body. The clause provides that there must be no claim to any occult secret or art in the making or preparing, nor claim to any exclusive right or title, nor must the preparations have been or be the subject of "letters patent," nor be held out by the owners, makers or first vendors as nostrums or proprietary medicines or as specifics.

This very important exemption lay dormant in the Act until the year 1903. It was not until that year that the late Sir William Glyn-Jones, who had given close attention and study to the Medicine Stamps Acts, came to the conclusion that there was something in this clause which might be utilised to the advantage of the chemist. The case, *Farmer v. Glyn-Jones*, which established this privilege, arose out of the sale of ammoniated tincture of quinine, so labelled, but bearing a recommendation for its use in influenza. The High Court decision was that a chemist or druggist, surgeon or doctor, who sold a "known, admitted and approved" preparation, which bore the formula on the label or sufficient reference to an

approved book containing the formula, could do so without stamping the medicine.

"De-stamping" of advertised medicines has, within the last year or so, increased to a remarkable extent, and the direct consequence of the practice has been the loss to the Exchequer of many hundreds of thousands of pounds. The decrease in the revenue received from the sale of medicine stamps is shown in the following figures for recent years:—1922, £1,328,448; 1929, £1,333,512; 1931, £1,097,601; 1932, £974,955. Concurrently, the number of patent-medicine licences issued has risen from 60,000 in 1926, 90,000 in 1928, to 110,460 in 1931, and 121,117 in 1932.

The Select Committee on Patent Medicines recommended that the Stamp Acts be consolidated and amended to remove the numerous existing anomalies and unreasonable exceptions. They suggested that pure drugs vended entire under a fancy name should no longer be exempt from duty; that the distinction between the name of an ailment and the name of an organ, the seat of that ailment, should be abandoned; and that the exemption of medicines generating carbonic acid gas should be omitted. The Committee also recommended that any reference in advertisement matter to the Government stamp should be prohibited, and that the name of the proprietor or firm should not be printed upon the stamp.

It is not necessary to summarise the recommendations of the Select Committee, because the more important of them were embodied in the Proprietary Medicines Bill, which was sponsored by the first Minister of Health in 1920. This Bill contained no provisions which were not specifically recommended by the Select Committee, and it included all their most important recommendations as far as they fell within the province of the Ministry of Health. Provision was made for the establishment of a register of proprietary medicines and appliances, and of the owners thereof, and the Bill prohibited the sale of any unregistered proprietary medicine or appliance. The expression "proprietary medicine" was defined to mean a medicine which is held out by advertisement as for use for curative or remedial purposes, and which is either sold under a trade name or manufactured by a secret process. The sale of remedies purporting to cure certain diseases, such as consumption or cancer, was prohibited, and it was made an offence to advertise any article in terms which suggest that it could be used to produce abortion. The Minister of Health was empowered to remove from the register any injurious medicine or appliance, but the owner was given the right of appeal to the High Court. Among the very numerous regulations which the Minister was empowered to make, was one requiring that the name and quantity of any poisonous or dangerous drug forming an ingredient of any registered medicine should be stated on all packages or vessels in which the medicine was sold or offered for sale. This particular provision has since been enforced by means of the Labelling of Poisons Order, 1924.

It is known that, within recent weeks, there have been consultations in connection with the introduction of a private member's Bill, designed to deal, to a limited extent, with advertised medicines. Some idea of the mildness of its provisions may be gathered from the statement issued by the Executive of the National Pharmaceutical Union that the Bill "is as harmless as any Bill dealing with proprietary medicines is likely to be." Whether the Ministry of Health, in whose pigeon-holes reposes a more drastic and far-reaching measure, will accept these milder provisions remains to be seen. It is apparent to the impartial observer that the proprietary medicine business has been improved—"cleaned up"—and, nowadays, the owners of many useful and reputable advertised medicines, which enjoy a large measure of popularity, are sincere in their repudiation of the doubtful or fraudulent nostrums. In the field of advertising there is still considerable room for reform. There is evidence that the standard of supervision over proprietary medicine advertisements exercised by the newspaper owners a few years ago has been somewhat lessened—due, no doubt, to the economic factor of the depression which has affected the selling of space by newspapers quite as much as the selling of more tangible commodities.

An Island Pharmacy

By A Pharmacist

I SPENT a recent holiday in Guernsey and twice went over to Sark; on my second visit I saw the Sark Pharmacy. The window looked up-to-date with photographic supplies, vacuum flasks, and all the usual impedimenta of a pharmacy in a holiday resort. I went inside to buy a film, and if possible to make the acquaintance of the owner; the Sark Pharmacy is owned by a woman. Miss Durant told me that she is overworked in August, but could do with more business during the rest of the year. She has to keep open, however, for veterinary work, as farming is the chief occupation of the natives. She makes eau de Cologne and other perfumes for which the Islands are famous, and showed me some charming little china vases which she has had specially made for perfume. On a shelf at the back of this tiny pharmacy I noticed some Dutch pharmacy jars which I think many pharmacists with larger establishments would envy. I cannot imagine a more delightful place in which to spend a holiday than Sark, provided the clerk of the weather is prepared to do his best. It seems amazing that people go to Sark year after year and say that they have still not completely explored its beauties when it is realised that the island is only a little more than two square miles in area.

Transport is furnished by quaint old-fashioned carriages drawn at a leisurely pace by ancient horses. To



THE PHARMACY AT SARK

see the best of Sark, however, one must scramble down the cliffs and explore the rocky inlets and marvellous pools—but beware of the tides. One of the great attractions of Little Sark is Venus's Bath. This is a deep and beautiful pool almost completely overhung with rock, and though it is eighteen feet deep the stones at the bottom are perfectly clear. The bathing is glorious, though the tides are strong, and the fishing is good; there are a number of excellent hotels. Guernsey is a strange little island, and did not seem to care very much whether we came or not. On Sunday it stopped its buses for the morning, and rang its church bells invitingly, and closed many of its cafés. On early closing day it ignored the crowds of holiday makers in the High Street prowling round with a year's savings in their pockets and shut its shops and betook itself to the bays for the afternoon. I saw a great many grapehouses full of luscious grapes and tomatoes ripening in the sun. The flowers of Guernsey are a delight. In this wonderfully fertile soil they grow in great profusion, all kinds, many of them sub-tropical plants, and they are sent to the English markets. Another industry is the gathering of the "vraic," a seaweed which is used for manure and also for fuel. In many ways Guernsey is like Cornwall, though it is not so rugged, but in this small island there is recreation for everyone, whatever their tastes may demand, and there is the joy of the equable climate.

Births

Notices for insertion in this column must be properly authenticated.

NETHERWAY.—At "Valice" the Meadway, Buckhurst Hill, Essex, on May 26, Joyce Vallé, the wife of Stanley M. Netherway, M.P.S., of a daughter.

Marriages

RONCHETTI—HOLLIS.—At the Church of the Blessed Sacrament, Heavitree, Exeter, on May 22, Alfred S. Ronchetti, chemist and druggist, Ampthill, to Phyllis May Hollis.

Deaths

CALDER.—At 36 Holburn Road, Aberdeen, on May 20, Helen Strachan Calder, beloved mother of Mr. A. W. Calder (representing Ayrton, Saunders & Co., Ltd., Liverpool), 256 Crow Road, Broomhill, Glasgow, W.I.

HARDY.—In a nursing home, on May 25, suddenly, the wife of Mr. Thomas Hardy (a member of the Pharmaceutical Society's Council), 60 High Street, Maryport.

NICOLL.—In the Coventry and Warwickshire Hospital, on May 14, after a brief illness, Mr. Eugene Herbert Nicoll, aged seventy. Mr. Nicoll was a director of Baiss Brothers & Co., Ltd., manufacturing chemists, 174-175 Grange Road, Bermondsey, London, S.E.1, from 1923 to 1930, after which he retired and went to live at Coventry. The funeral took place at St. Mary's Church, Stoneleigh, in the presence of the widow and other members of Mr. Nicoll's family.

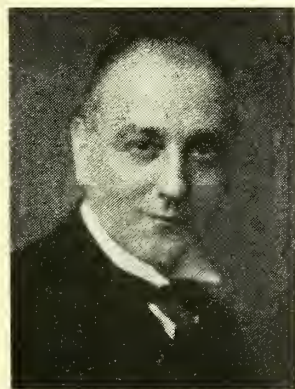
Personalities

LORD MELCHETT, a director of Imperial Chemical Industries, Ltd., is the president-elect of the British Science Guild.

COUNCILLOR R. E. JACKSON, Ph.C., a director of Williamson & Hogg, Ltd., chemists, North Shields, has been appointed a justice of the peace for Tynemouth.

MR. FRANK ERNEST BURDETT, chemist and druggist, who was recently elected chairman of the Bradford

Branch of the Pharmaceutical Society, was born at Wakefield. He was apprenticed with Chaplin & Son, of that town, and trained under the late F. Pilkington Sargeant at Leeds College of Pharmacy, passing the Minor examination in 1907. In the same year he joined the staff of M. Rogerson & Son, Ltd., Bradford, and in 1909 was made a director. He became managing director in 1917. Mr. Burdett was secretary of the former Bradford Pharmacists' Association from 1914 to 1918 and president in 1920. For six years he was an active member of



MR. F. E. BURDETT

the Bradford Pharmaceutical Committee until his company left the panel in 1919. He has been a member of the Bradford N.P.U. Branch from its inception, and is on the executive of the Bradford Chamber of Trade and a delegate from that body to the National Chamber. He has been a member of the Bradford Publicity Club since

its formation and on the Executive for some years past. In 1926 he became the pharmacist member of Bradford Rotary Club.

MR. W. DAWN COPLEY (Smart & Copley, Ltd., chemists, Bulawayo) is expected in England about July 10, when he may be addressed c/o Tozer, Kemsley & Millbourn, Ltd., 84 Fenchurch Street, London, E.C.3.

MR. A. M. WISEMAN, M.C., H.M. Trade Commissioner in Toronto, is now on leave in this country, and will be available at the Department of Overseas Trade, 35 Old Queen Street, London, S.W.1, to interview United Kingdom trade associations and firms.

MR. A. F. CORFE, Ph.C., of Maidstone, who has been elected as a member of the Kent County Council, has been in business for forty-nine years and is treasurer of the Kent Pharmaceutical Committee. Mr. Corfu is immediate past-president of Maidstone Rotary Club.

MR. T. L. BOWYER, chemist and druggist, who is a member of the analytical staff of Ayrton, Saunders & Co., Ltd., Liverpool, was among the successful candidates at the recent examination for the Associateship of the Institute of Chemistry.

MR. J. E. BLAIR, managing director of E. J. Adcock, Ltd., chemists, Krugersdorp, South Africa, together with Mrs. and Miss Blair, have arrived in this country for a holiday and may be addressed c/o Tozer, Kemsley & Millbourn, Ltd., 84 Fenchurch Street, London, E.C.3.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1933, p. 329.

(From "The Trade Marks Journal," May 24, 1933)

- "CHARMAR"; for chemicals (2). "CHARMALINE THE 'VET' IN A BOTTLE"; for veterinary medicines (2). By C. Marginson, Ltd., Whitestake, near Preston. 536,318/478. (Associated.)
- "SULFHAZE"; for insecticide, fungicide and sheep dip (2). By The Allied Research & Development Co., Ltd., 13 Finsbury Square, London, E.C.2. 536,953.
- "PREVENTEX"; for veterinary preparations (2). By A. B. Brotherton, Carregarnie, The Circuit, Withington, Manchester. B539,192.
- "PHENSIC" and "PHENZIC"; for all goods (2, 3 and 48). By Phensic, Ltd., 55-56 Pall Mall, London, S.W.1. 540,025/331/024/026/330/027. (Associated.)
- "HORTOSAN"; for chemicals (2). By British Dyestuffs Corporation, Ltd., Imperial Chemical House, Millbank, S.W.1. 540,342.
- "LACTOIDS"; for all goods (3). By W. W. Phelps, 22 The Avenue, Chingford, E.4. 537,624.
- "HEALALENE"; for ointment (3). By Healalene Products Co., 47 Oak Street, Romford. 539,042.
- "BISUPROL"; for preparations for venereal disease (3). By Schering-Kahlbaum A.G., 170 Müllerstrasse, Berlin, N.65. 538,873.
- "HALIDEXOL"; for medicinal chemicals (3). By British Colloids, Ltd., Crookes Laboratories, Gorst Road, Park Royal, London, N.10. 539,179. (Associated.)
- "KYBO"; for a laxative medicine (3). By Phosferine (Ashton & Parsons), Ltd., La Belle Sauvage, Ludgate Hill, London, E.C.4. 539,433.
- "SALFOIN"; for preparations for hay fever, etc. (3). By Pickups, Ltd., 30 Smedley Street, London, S.W.8. 539,503.
- "CREETOL"; for medicinal chemicals (3). By F. W. Woolf, 285 Brockley Road, S.E.4. 539,663.
- "MALVITO"; for lozenges, pastilles and tablets (3). By E. Jackson & Co., Ltd., 28A High Street, Crediton. 540,295.
- "DETTINE"; for all goods (3 and 48). By Reckitt & Sons, Ltd., Dansom Lane, Hull. 540,545/546. (Associated.)
- "CAFINAL"; for medicinal chemicals (3). By Bayer Products, Ltd., 31 Basinghall Street, London, E.C.2. 540,771.
- "THE CHALLENGER"; for medicinal chemicals (3). By The People's Pharmacy, Ltd., 47 Grand Parade, Brighton. 540,840.

Trade Notes

BENGER'S FOOD BISCUITS.—Benger's Food, Ltd., Otter Works, Manchester, have introduced a new product in the form of biscuits. These are stated to contain a suitable quantity of Benger's food as prepared with fresh new milk, and provide a nourishing foodstuff having



distinctive digestive properties. They are not intended to take the place of Benger's Food in its essentially valuable qualities as an invalid diet, but in this connection are helpful as a supplementary aid to digestion during convalescence and with advantage replace rusks, toast and ordinary biscuits of commerce.

FLIT is the subject of a bonus offer, details of which are given on another page. The distributors of this popular insecticide are Stemco, Ltd., 128 Albert Street, Camden Town, London, N.W.1.

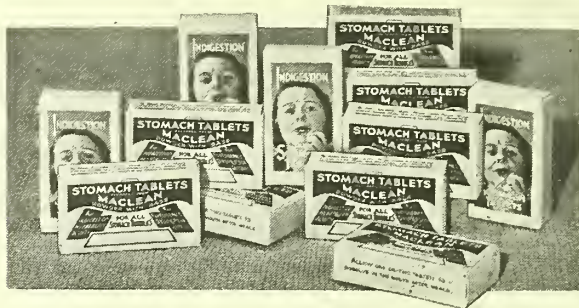
ARISING out of the editorial article on "Going Out for Business," published in the *C. & D.*, March 18, Thomas Kerfoot & Co., Ltd., manufacturing chemists, Bardsley Vale, Lancashire, are offering prizes for the three best replies to the criticisms contained in the article. Details of this novel competition are given in the June issue of the company's house-organ, "T. K.'s Monthly," a copy of which will be sent on application to any chemist who does not already receive it.

SUN-TAN OIL.—William Hay, Ltd., manufacturing chemists, Walmsley Street, Hull, state that their Sun-tan oil has achieved remarkable popularity since it was



placed on the market, and that they have consequently been able to lower the cost price of it. The preparation is packed in 1-oz. and 3-oz. bottles with moulded screw caps, attractively labelled, and pleasantly perfumed.

ARTHUR H. COX & Co., LTD., manufacturing chemists, Brighton, are packing stomach powder and tablets compounded from a formula based on the well-known prescription of Dr. Hugh MacLean. The cartons shown in the accompanying illustration are those used for pack-



ing the tablets, the powder being enclosed in oval jars with aluminium caps. One dozen cartons are enclosed in a display outer. A bonus offer is available in connection with these lines and particulars of it will be sent on application.

ASPIRIN TABLETS.—The advantages of using Fre-flo aspirin in the making of aspirin tablets is dealt with in a folder being sent out by H. W. Graesser-Thomas, 49 Leadenhall Street, London, E.C.3.

CLOSED FOR OUTING.—Burgoyne, Burbidges & Co., Ltd., manufacturing chemists, East Ham, London, E.6, inform us that their offices and works will be closed on June 3, the date of the annual staff outing.

CIMOLITE PREPARATIONS.—John Taylor, 30 Baker Street, London, W.1, are issuing two price lists of Cimolite toilet preparations. The white list is intended for the use of the chemist and the pink list for his customers. Supplies of the pink ones for counter distribution will be sent on request.

RAIMES & Co., manufacturing chemists, Micklegate House, York, have published a price list of the attractively packed goods they can supply, and a copy of this well-illustrated catalogue will be sent on request. Chemists should note that the firm undertake the preparation and packing of private formulas.

GAIETY COSMETICS.—Butner & Earle, Ltd., 29 Euston Road, London, N.W.1, who are the distributors of Gaiety toilet preparations, announce that they are about to commence national advertising in connection with these articles, which retail at a popular price. Two of the lines (eye cosmetic and lipstick) are shown herewith. The former is supplied in black and brown, and there is a brush contained in the cap of the bottle. The lipstick, which is indelible, is supplied in tango, carmine, orange, and cherry, in one dozen display outers or single cards.



BURROUGHS WELLCOME & Co., Snow Hill Buildings, London, E.C.1, are exhibiting a comprehensive range of medical, pharmaceutical and chemical preparations at the Chicago Exposition.

YARDLEY & Co., LTD., Pollen House, Cork Street, London, W.1, have sent us a tin of their new Oatmeal baby talc. Yardley fine oatmeal soap is well known for



its soothing properties for the most delicate skins; now the oatmeal—so effective in the soap—has been introduced into a talc. These are not only specially suitable for babies but form a perfect combination for a tender or sunburnt skin.

SANGERS, LTD., 258 Euston Road, London, N.W.1, have issued a new edition of their catalogue of proprietary articles and druggists' sundries.

THE London office of Alf. Harrison & Sons, Ltd., label printers, Burley Road, Leeds, is Sentinel House, Southampton Row, W.C.1, and not as printed in last week's issue of the *C. & D.*

BAYER PRODUCTS, LTD., 19 St. Dunstan's Hill, London, E.C.3, inform us that their premises will be closed Friday evening, June 2, to Tuesday morning, June 6. Full stocks of Bayer preparations are obtainable throughout this period from John Bell & Croyden, Ltd., 50 Wigmore Street, W.1, and also from Mr. R. Woolby Brook, 19 Gloucester Road, S.W.7.

THE SCHOLL MANUFACTURING Co., LTD., 188 St. John Street, London, E.C.1, are organising a foot comfort week competition, details of which are shortly to be extensively advertised. Among the prizes offered three will be awarded to the dealers whose names appear on the winning forms entered by the public. Supplies of entry forms and display material are being sent to chemists.

CHEMISTS interested in photography, whether or not they are "approved" dealers, should note that supplies of a six-exposure roll film (No. 20) are obtainable from the Coronet Camera Co., 310 Summer Lane, Birmingham. We understand that the film is of the super speed type, of excellent quality and that adequate supplies are



available for immediate delivery. It will be recalled that when Messrs. Coronet issued their catalogue in March we commented on the remarkably fine photogravure; the same process is now being used for posters and showcards relating to the firm's cameras, and as a result highly attractive display material is being supplied.

PHOTOGRAPHIC CHEMISTS will be interested in the announcement elsewhere in this issue of the Eagle Photographic Service, 6 Cricklade Street, Swindon.

BUSINESS IN BELGIUM.—Manufacturers desirous of selling perfumery and pharmaceutical products in Belgium can avoid prohibitive taxes by having their preparations manufactured in that country. Among the houses undertaking business of this nature is that of Cochard, 5 Rue Charles Parenté, Brussels, who will send particulars as to their facilities to anyone interested.

"NUTRITION" is the title of a journal published three times a year by Glaxo Laboratories, 56 Osnaburgh Street, London, N.W.1. It is regularly sent to a large number of doctors and chemists, and any of our readers who are desirous of receiving it should apply to Messrs. Glaxo. The current issue contains a number of interesting articles. Among others the subjects dealt with include "Glucose D in Minor Medicine"; "Treatment of Local Septic Processes," "Vitamins A and D," "Intensive Calcium and Vitamin D Therapy," "Allergy in Everyday Practice." We understand that each of the articles is written by a member of the medical profession.

LUCOZADE.—W. Owen & Son, manufacturing chemists, 151 Barras Bridge, Newcastle-on-Tyne, writing to us regarding their Lucozade nutrient food beverage, say that this product was introduced some two years ago to meet the wishes of their medical clientèle, who quickly



gave excellent reports of clinical trials. The glucose content is 20 per cent., but Lucozade is compounded with a special vehicle, which trial has proved to give best results, and being in the form of a pleasant refreshing, thirst-quenching beverage it is readily acceptable to the patient, child or adult.

ELASTOPLAST.—T. J. Smith & Nephew, Ltd., Neptune Street, Hull, state that from June 1 the Elastoplast N.H.I. pack is discontinued and replaced by Paragon brand elastic adhesive bandages, conforming with the existing requirements of the N.H.I. Schedule, and may therefore be supplied against scripts. The change is in the brand name only, and this does not affect existing stocks of Elastoplast N.H.I. bandages in any way.

SLIMMING.—Weight reduction may be accomplished in various ways and has often been attended by harmful results to those endeavouring to attain a sylph-like figure. The method probably in greatest favour at present is dieting. This is not exactly novel, but the increased knowledge of dietetics compared with even a few years ago has eliminated most of the former risks. The ways in which chemists can take advantage of the present vogue are indicated by Energen Foods Co., Ltd., Willesden, London, N.W., who are issuing for counter distribution folders which contain an approved diet scheme and a daily weight record chart. Supplies of these folders will be sent to chemists on request.

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Chemists interested in veterinary practice will find the work indispensable, as it deals with the ailments of horses, cattle, sheep, pigs, dogs, and poultry, and the remedies that can be supplied. New edition 1930 (Eighty) brings this book thoroughly up to date. Price 7s. 6d. net, by post 8s.

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| G/26. Formacin tablets | S/24. Roskloyd detergent |
| R/27. Globe white fluid and pine fluid | E/17. Sulphur compounds soluble in alcohol (70%) for external application |
| R/31. I.C.Y. Laboratories (London address) | L/23. Toddy brand Mental |
| H/30. Lergyl's birch balsam | |
| E/24. Mystol fly spray | |
| K/25. Pilcher's raw linseed oil (veterinary) | |

THE CHEMIST AND DRUGGIST

VOL. CXVIII.

JUNE 3, 1933

NO. 2782

The Legal Range of the Pharmacopœia

We make no apology for returning to the subject of the editorial article in our issue of May 27 (p. 571), for, as was there made plain, many chemists continue to be puzzled as to the position created by the publication of the 1932 British Pharmacopœia, and the appearance in the "Justice of the Peace," a journal which is distinguished for well-informed and sympathetic articles which appear from time to time on the law relating to the practice of pharmacy, of the article already discussed in THE CHEMIST AND DRUGGIST, indicates that interest in the subject is not confined to pharmaceutical circles. The article mentioned suggests that the standard of the B.P. must be regarded as being of somewhat uncertain value for the purpose of the Acts relating to the adulteration of food and drugs and the Merchandise Marks Acts. It is, of course, a fact that where there exist in commerce two standards for any article, that is to say (1) the standard with which the article must comply when required for medicinal use, and (2) the standard with which the article must comply when required for a commercial purpose apart from medicinal use, a chemist—or anyone else, for that matter—is entitled to plead that unless the purchaser of the article makes it clear that he is buying the article for medicinal purposes, his demand is satisfied by the supply of an article which conforms to the recognised commercial standard. But, subject to this exception, we doubt, with all due respect to our learned contemporary, whether in practice there is any uncertainty as to the fact that when an article is required for medicinal use the courts will regard the supply of that which does not conform to the standard of the B.P. (when there is one) as an offence. Pharmacists, moreover, must expect, in virtue of their acknowledged position as suppliers of medicinal articles, that very slight evidence will raise a presumption that the article demanded is demanded for medicinal purposes, even where two standards exist. *Prima facie*, then, a chemist who is asked for an article named in the Pharmacopœia by a name or synonym which appears in the Pharmacopœia ought to supply an article corresponding to the pharmacopœial standard; and, harsh though it may seem, there appears to be no reason to suppose that it would be any defence to him to say: "The article I supplied would have corresponded with the Pharmacopœia but for the fact that a new edition has been published which fixes an altered standard." Standards are altered—in theory at least—because in the opinion of the competent authority the altered standard is more desirable; and a pharmacist would surely be on poor ground in attempting to argue that the supply of an article corresponding to the presumably inferior standard of a former edition was an adequate compliance with the demand for an article named in the existing edition.

One Result of Altered Standards

It follows that, in theory, an inspector under the Food and Drugs Acts might within a few days after the publication of a new Pharmacopœia demand from a chemist an article the standard for which had been altered in that edition, and lay an information if he were supplied with an article which corresponded to the old but did not correspond to the new standard. Such an attempt would never be made, we assume, by any inspector with a proper view of his duties, nor should the local authorities sanction a prosecution in such circumstances. But, as chemists know to their cost, not all local authorities administer the Food and Drugs Acts with equal intelligence. There are still to be found districts in which the authority appears to value its inspectors in proportion to the number of convictions which can be secured by trapping blameless chemists and other traders into committing technical offences. Probably this is a risk which can never be wholly eliminated. Statutes imposing restrictions upon traders inevitably leave loopholes for some degree of hardship if those responsible for their administration are unintelligent or perverse. Usually the court before whom such proceedings were brought would, it is hoped, be reluctant to impose any other than a nominal penalty; but the true remedy for such administrative errors is the taking of such action, either locally or through Parliament, as will induce the erring authority to mend its manners. Let it be admitted, then, that when an article named in the present Pharmacopœia is asked for, *prima facie* it is the duty of the chemist to supply an article prepared in accordance with the standard of the new book. What, however, is a chemist to do who finds that his customers, excluding Food and Drugs Acts inspectors, do not agree with the General Medical Council that tincture of ipecacuanha made with alcohol and glycerin is preferable to the ipecacuanha wine of the 1914 B.P.? Many chemists send such inquiries as the following: "Is it legal to sell (1) essence of peppermint made from isopropyl alcohol and labelled 'not according to B.P. 1932,' and (2) vin. ipecac. when ipecacuanha wine is asked for over the counter?" The form of the inquiry gives to anyone who decides to evade the question an easy way out. The answer is: "It may be and it may not; it all depends on the circumstances," an answer which is not likely to comfort the puzzled inquirer, but which is, nevertheless, true. It is perfectly lawful to sell essence of peppermint made from isopropyl alcohol and equally lawful to sell vinum ipecacuanhæ B.P., 1914, provided that the purchaser has not asked for something else. Whenever the demand of a purchaser has been accurately ascertained and what he wants has been supplied, there is no offence under the Food and Drugs Acts. If, on a request for ipecacuanha wine, the chemist says to the customer: "The formula for that has been changed; do you want the old-fashioned ipecacuanha wine or the new tincture?" and he supplies whichever is required, he safeguards himself against an offence under these Acts. Ipecacuanha wine is not described in the new Pharmacopœia as a synonym for tincture of ipecacuanha. The General Medical Council have not the smallest power to

compel a chemist to supply tincture of ipecacuanha to a customer who wants ipecacuanha wine; and it is surely inconceivable that any court would take the view that an offence under the Merchandise Marks Acts would be committed by labelling ipecacuanha wine with its proper name. What else can it be called? For greater safety it is no doubt wise to add "B.P. 1914" to all ipecacuanha wine labels.

The Self-Protection of the Vendor

It has been stated that if once the demand of the purchaser has been accurately ascertained and complied with, no offence under the Food and Drugs Acts is committed; it is also the law that a purchaser who gets something other than he demands is not prejudiced, and therefore that no offence under the Acts is committed, if the purchaser is informed at the proper time that he has been supplied with something other than that which he demanded. If, then, a customer familiar with the 1932 B.P. asks for ipecacuanha wine expecting to be supplied with the new tincture—as, presumably, nobody but an agent of a Food and Drugs Acts inspector would—the chemist is protected if he says, before handing over the article: "I am supplying you with the ipecacuanha wine of the old B.P., not the new," or uses other words which make it plain that the tincture of ipecacuanha of the new Pharmacopœia is not being supplied. But this must be done before and not after the sale is made; it is not enough to put a label on the bottle and say nothing about it and then deliver the bottle wrapped in an opaque wrapper so that the customer does not see and has not his attention called to the label before he buys. Confusion has often been caused by the fact that in some cases the information on a label has been held to be a sufficient defence, even though the purchaser did not see the label until after the purchase was complete. The confusion arises from the fact that there is a section in the Food and Drugs (Adulteration) Act, 1928, which applies only to articles which are mixed with some other ingredient which is not injurious to health nor intended fraudulently to increase the bulk, weight or measure or conceal the inferior quality of the article. In such cases the seller is protected if he supplies with the article a label notifying the fact that the article is a mixture. (A common example is the sale of a mixture of coffee and chicory.) But there seems no possible ground upon which ipecacuanha wine of the 1914 B.P. can be described as a mixture of the tincture of ipecacuanha of the 1932 B.P. with anything else. The only conclusion which can be arrived at is that here, as in every department of his work, the chemist must blend caution with common sense. If still he finds himself trapped, he must regard the event (as by this time probably not only his fellow chemists but also most of his customers do) not as anything discreditable but as merely one of the ordinary vicissitudes of modern trading, and enter the amount of the penalty and costs, if any, in the expenses side of his accounts with as much equanimity as he would the cost of the breaking of a Winchester quart of distilled water.

The Position of Tragacanth

DURING the past few weeks a fair amount of activity has been displayed in the tragacanth market on account of the meagre new crop arrivals of all grades during the current season. Whilst prices for the finer and medium qualities have been fully maintained, there has been a sharp advance in values in the lower grades, of between 30 to 40 per cent. on prices ruling a month ago. It seems remarkable to have to record that during a period of depression the grades chiefly favoured by druggists have scarcely declined in value, whereas the lower grades are in many instances only a third of the value realised some two years ago. This depreciation has naturally resulted in considerable losses to shippers and importers, and consequently production has been restricted to a marked extent; hence the smallness of new crop arrivals during the past few months. It should be noted that from Turkey, Persia and Syria practically the whole of the production of tragacanth is gathered, Persia being by far the largest exporting country of the three. The collection of the gum is mainly done by the peasant farmers and herdsmen, and then only when agricultural production is not particularly favourable. When general crops are good, and when there is a shortage of labour, the production of tragacanth generally shows a tendency to decline. It will therefore be observed that, apart from climatic conditions, the labour question in relation to general crops is the main factor governing the production in the above-mentioned countries. The fact that general crops have this season been favourable is one of the main causes of the shortage of new crop tragacanth, combined with the fact that the previous unremunerative values have forced the collectors to devote their energies to more profitable directions. To illustrate the present shortage on the home market, we give below some interesting statistics, showing how stocks have declined here since 1930:—

Year ...	...	1933	1932	1931	1930
Packages	...	9,720	13,261	11,240	12,744

It will be observed from the above figures that the present stocks are well below normal, being 3,541 packages less than a year ago. Importations, which chiefly take place between the months of October and February, are also well below those of previous years, as the following returns until the end of April of each year indicate:—

Year ...	...	1933	1932	1931	1930
Packages	...	1,886	6,007	3,734	5,087

It will be observed that no important new arrivals can possibly be expected before next October. The present London stock of 9,720 packages is small, when compared with the average normal pre-war stock of some 20,000 packages, and there seems every likelihood of a further advance in the values of the lower grades during the course of the next few weeks. Heavy sales have recently taken place, and American buyers especially—with the present wave of commodity buying in the United States—are attracted by the comparative low prices still ruling for these grades. Whilst we are of the opinion that the fine and medium grades will fully maintain recent price levels, we feel that buyers of the industrial grades will be well advised to consider the advisability of covering their requirements without undue delay, as the possibility of lower prices in the near future is very remote. At the close to-day, after heavy sales, the lower grades were practically cleared and at a further advance. Interest is now beginning to make itself felt in the intermediate grades, for which higher prices are confidently anticipated in due course.

Excessive Prescribing: an Anomaly

By David Kyle, M.A., M.B., Ch.B.

IN connection with the decision of the Tribunal on the appeals of the two Glasgow doctors against the charge of alleged excessive prescribing some points of considerable importance have emerged. The difference in the capacity of an ordinary household teaspoon and a medical teaspoon, or drachm, appears to be at the root of much misunderstanding.

When I was before the Panel Committee, and also at the Tribunal, I explained that I was aware an ordinary household teaspoon holds about twice as much as a medical teaspoon, or drachm, and that accordingly I calculated the amounts of the several ingredients to correspond to twenty-four doses in a 6-oz. bottle instead of on the basis of forty-eight doses. So when I direct one drachm to be taken every four hours, or three times a day, I know that the chemist will put "one teaspoonful" on the label of the patient's bottle; but as the ingredients are calculated on a twenty-four dose basis I know that the patient will not be taking more than I intended if the bottle lasts, let us say, five days in the case of a cough mixture, or eight days when directed "three times a day." The superintendent of the Checking Bureau, Glasgow, made a detailed analysis (not chemical) of my prescriptions, but failed to notice that the quantities of the ingredients were related carefully to my understanding of the anomaly between the drachm and the household teaspoon. Neither did the doctor on the Tribunal discover that I had discriminated in such a careful manner. Otherwise the report in the Press of the Tribunal's decision would not have stated:—"In one typical case a sixteen days' supply was renewed on seven occasions at intervals ranging from seven to twelve days." That was reported in spite of my explanation of the difference between a drachm and a household teaspoon, and my careful adjustment of the ingredients on a twenty-four dose basis. This is all the stranger to understand since the report goes on to say:—"We consider it to be a practitioner's duty, when he finds a supply of medicine to be consumed sooner than he directed, to inquire into the measure used by the

patient, and, if necessary, either to adjust his prescription or, preferably, to ensure that the patient employs proper measures." It is obvious, I think, that the members of the Tribunal have failed to appreciate that I have been acting all the time on such lines as they recommend; and yet they appear to base their judgment very largely, and I believe almost entirely, on their alleged "discovery" that I have been repeating mixtures before the previous supply should have been finished. The following prescription is typical of my cough mixtures:—

Ammon. carb.			
Ammon. chlor.	.. ..	aa.	3j.
Tr. chlor. et morph.	'85 ..	..	3ij.
Aq.	.. ..	ad	3vj.

Sig. 3j. ex aq. every four hours.

The legal adviser of the Glasgow Burgh Insurance Committee did his best to disparage this prescription on account of its containing chlorodyne, and hinted that too many of my patients were getting morphine through that source. He read extracts from the Dangerous Drug Acts for the enlightenment of the Tribunal, and for my entertainment. In the cough mixture referred to, each dose contains on the twenty-four basis only 5m of tr. chlor. et morph. 1885, and therefore contains rather less than $\frac{1}{4}$ gr. of morph. hydrochlor. per dose; and if reckoned, as the Tribunal did, on a forty-eight dose basis, the amount of morph. hydrochlor. per dose would be somewhat less than $\frac{1}{16}$ gr. per dose! As a matter of fact I employ the tr. chlor. et morph. '85 in this mixture chiefly as a flavouring agent with a certain small value as a soothing expectorant. I think it will be apparent to most people that a Tribunal set up to judge a doctor's prescribing should be composed somewhat differently if it is to be able to judge such cases with fairness and impartiality. The Rt. Hon. Lord Hewart, the Lord Chief Justice of England, has said in his book "The New Despotism" that "the treatment of the panel doctors under the National Health Insurance Acts is pure despotism."

Six Ways of Losing Money

THE N.H.I. contractor is not in business to carry on philanthropic work, and there are several ways in which the unwary chemist may lose money on his contract.

(1) *By dispensing irregular prescriptions.*—Most chemists are only on the panel for one area, but chemists on the borders of two or more adjoining areas should enter into contract with the insurance committees in those areas. A chemist who is on the panel for County A, for instance, may receive a prescription written for a patient resident in County B; if he dispenses it he can only claim payment from the committee of County B, and unless he is actually under contract with that committee his claim is likely to be refused. Again, prescriptions not properly signed by the prescriber (and those that are carbon copies and not originals) should not be dispensed, because payment for these forms is by no means certain.

(2) *By supplying something more expensive than is prescribed.*—There is a "selected" wholesale list from which the prices of drugs and preparations not included in the tariff are taken. But expensive proprietary brands of tablets and other preparations should not be dispensed unless they are definitely ordered by the prescriber. The same remark applies to some varieties of appliances.

(3) *By not claiming for all that has been legitimately supplied.*—In the case of proprietary medicines the contractor is allowed to supply the nearest original size

if the number or amount ordered differs from that contained in an original package. But the chemist must state on the form that he claims the value of an original package, otherwise the only price he will get is that of the quantity ordered.

(4) *By supplying a larger quantity than is prescribed.*—There are instructions in the drug tariff and in the National Formulary with regard to the quantity of certain preparations or appliances to be supplied when not specified by the prescriber. For instance, if the prescriber merely orders "cotton-wool," the tariff indicates that 1 oz. is to be supplied; it is of no use, therefore, for the chemist to mark the form "4 oz. supplied."

(5) *By not stating the actual cost price of special preparations.*—It frequently happens, in the case of proprietary tablets or other preparations, that the list price is less than that charged by the wholesale distributor; yet many chemists obtain such preparations from their sundries house and are unable to produce invoices to support the cost price actually paid.

(6) *By failing to charge out-of-pocket expenses.*—The contractor should specify such charges as special postage, carriage, etc., when submitting forms to the pricing office. He must, of course, be prepared to satisfy the committee that such charges were actually incurred. Meagre profit may easily be turned into loss by neglect to look after some of the details of the contract.—INSURANTO (30/12).

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the
National Health Insurance Acts

Local Reports

ENGLAND

Cardiganshire.—At a meeting of the Cardiganshire Insurance Committee on May 5 the Pharmaceutical Service Subcommittee reported on a test prescription in which it was found that there was an excess of 11.84 per cent. of liq. arsenicalis. On receipt of the independent analyst's report it was found that there was an excess of 12 per cent. in the quantity of liq. arsenicalis. The chemist, in a letter to the Committee, stated that it was practically impossible to measure 48 minims of liq. arsenicalis more accurately than that shown in the analyst's report and that he considered liq. arsenicalis as an ingredient in any test prescription as unfair. It was resolved that the explanation of the chemist be accepted and that the ingredients liq. arsenicalis and ammon. carb. be deleted from the list of test prescriptions. The Welsh Joint Pricing Committee wrote that it had considered that a more accurate return of dispensing of drugs could be made, therefore the Board could not accept the deletion of liq. arsenicalis and ammon. carb.

Derby.—At a meeting of Derby Borough Insurance Committee on May 17 it was reported that an agent had presented a chemist with a prescription for mist. colchici co. It was stated that on her return the chemist, when informed that the medicine was required for a test, had remarked that if she knew it was for a test she should not have left the premises for half an hour, and that, although warned not to do so, he removed the bottle of medicine from her sight for about five minutes before dividing it. The clerk stated he had supplied these particulars to the chemist, to which the chemist replied by letter that when the agent returned for the medicine a small deposit of potassium bicarbonate remained undissolved in the bottle. Being certain it was a test prescription he dissolved the salt in cold water in order not to drive off carbon dioxide. During the period of dissolving he stood in front of the agent and the medicine never left her sight. The chemist did not attend the hearing, but wrote a letter stating that as his was a one-man business it was impossible to leave it unattended during the day. When the agent handed in the prescription he knew it was for a test because of certain deductions. To ensure accuracy each item of the prescription was doubly checked. He further stated that he reached for a measure, poured in the medicine and dissolved the particles in sight of the agent. The analyst's report showed the dispensing of the medicine to have been exact. The Committee decided that the evidence of the agent was to be preferred and that the chemist had committed a breach of the terms of service. They recommended that £1 be deducted from the remuneration due to the chemist. In two other cases warnings were given by the Committee.

London.—A meeting of the London Pharmaceutical Committee was held recently. Comparative figures for the years 1931 and 1932 are as follows:—

	1931	1932
Total No. of prescriptions ...	8,510,255	8,519,101
Cost of ingredients ...	£115,090 16s. 0d.	£117,965 2s. 11d.
Cost of dispensing fees ...	£155,433 15s. 7d.	£155,156 0s. 7d.
Average cost of ingredients ...	3' 25d.	3' 32d.
Average cost of dispensing fees ...	4' 38d.	4' 37d.
Total No. of persons on list ...	1,904,521	1,917,033
Av. No. of prescriptions per person...	4' 47	4' 44

Attention was called to the frequent prescribing of multiple mixtures. In several instances, four N.F. formulas were ordered as component parts of a 12-oz. mixture, with the result that the bottles of medicine supplied contained thirteen or fourteen ingredients. It was decided to take this matter up with the Panel Committee. The Pharmaceutical Service Subcommittee reported particulars of fourteen cases dealt with under the testing scheme concerning which two chemists were cautioned and eleven were censured. In the remaining

case no further action was taken. The secretary reported, *inter alia*, that it had been decided that the following articles do not form part of medical benefit and are therefore not a proper charge on the chemists' fund:—Throat brushes, sputum pot, abdominal belt, hypodermic syringe and needles (not for insulin), small glass rod, Elastoplast boil dressings (one box), eyeshade, enema syringe, elastic knee-cap, Manytail bandage, Leduc's glass tube, camelhair brush, capsicum wool, and Yeo inhalers. Complaints regarding minor irregularities in the service were considered, and the secretary was instructed to make the necessary investigations.

Middlesex.—At a meeting of Middlesex Pharmaceutical Committee, held on May 17, the chair was taken by Mr. G. F. Weiss, and Mr. J. C. Young was introduced as a new member, in succession to Mr. J. T. Walters. The chairman announced the death of Mr. C. J. A. Taggart. Mr. Marns proposed that Mr. J. E. Goodall (Wembley) be elected to fill the vacancy on the Committee, and a resolution to this effect was unanimously adopted. In a letter received from the clerk to the Middlesex Insurance Committee, it was stated that samples under the testing scheme would not be taken from chemists whose premises were not situated in Middlesex, unless definite instructions were given to the contrary; but that the Committee maintained its right to have samples taken from all chemists on the Middlesex list. Letters from the National Pharmaceutical Union dealt with the approaching election of new pharmaceutical committees, the settlement of the 1932 accounts, and the investigation of prescribing in Middlesex. A letter was also received from the Ministry of Health regarding the coming election, and it was arranged that all the present members of the Middlesex Committee should accept nomination for re-election. Additions to the list of contractors were scrutinised and found to be in order. The supervisor's report showed that 843,073 prescriptions had been dispensed and submitted for payment during the first quarter of the year, as against 724,461 for the corresponding period of 1932; meanwhile the insured population had increased from 591,549 to 611,034. The average cost per prescription for both periods was 8d., including an average dispensing fee of 4½d. As a result of the increased demand for medicine in January, the average cost of medicine per insured person rose from 9.8d. for the first quarter of 1932 to 11d. for the first quarter of 1933; the total cost of the medicines supplied rose from £24,102 to £28,091. Attention was directed to the fact that some chemists were supplying oculentum hydrargyri when unguentum hyd. ox. flav. was ordered. Apart from the difference in strength, it should be understood that the higher dispensing fee would not be allowed; further, the sanction of the prescriber was necessary when a change of this kind was made. A cordial vote of thanks for his services as chairman was accorded to Mr. Weiss.

South-Eastern Division.—The annual report of the Joint Committee for Pricing Prescriptions (South-Eastern Division), for the year 1932, gives, *inter alia*, the total number and value of National Health Insurance prescriptions dealt with during the year as 6,352,337 and £220,201 16s. 10d., respectively; the Committee dealt also with a large number of prescriptions for public assistance committees and other bodies. An interesting table (reproduced in part below) shows the total number of insurance prescriptions dispensed by chemists and the value thereof for each of the past seventeen years:—

Year	Average number of persons on panel list for whom chemists dispense	Prescriptions	Value	Average total cost per Prescription
1916 ...	932,266	2,510,345	£ 64,347 17 11	s. d. 6 1
1920 ...	1,079,353	3,056,385	132,375 17 0	10 3
1924 ...	1,194,879	4,281,500	161,140 13 3	9 0
1926 ...	1,281,163	4,864,441	179,132 18 6	8 8
1928 ...	1,393,323	5,289,325	190,512 15 8	8 6
1930 ...	1,545,202	5,612,365	194,445 14 0	8 3
1931 ...	1,609,302	6,067,532	206,720 12 8	8 2
1932 ...	1,671,840	6,342,117	219,422 8 7	8 3
		72,423,452	2,579,091 11 3	8 5

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, June 1

A FAIRLY satisfactory week of business can be recorded with some markets experiencing quite a revival, particularly some of the crude drugs and spices. The general tone is steady, with prices of many products tending to recover. In the pharmaceutical chemicals market business has been about average and composed chiefly of small-sized spot orders. There has been considerable interest in crude drugs and many products show a sharp recovery in values. Zanzibar cloves are better. Norwegian cod-liver oil is again dearer and firm. Cascara sagrada is very steady. Gentian is firm and scarce. Gum acacia is again dearer and the tone is much steadier. Peppers, pimento and spices generally are all active at dearer prices. Tragacanth has been of considerable interest again this week and prices for the lower grades show a further sharp advance, and they are mostly cleared. This market tends to go still dearer. The rubber market is active and prices show a sharp advance. Business in essential oils has been a little better, but there are still some dull and weak items in this market. Anise (star) is steadier forward. Cassia is dearer forward. Ceylon citronella tends to be dearer for shipment; spot supplies are short. Lemongrass is running short and prices for spot and forward show a sharp advance, closing firm. There has been a revival of interest in palmarosa to come forward. Japanese peppermint is slack. Wormseed is steadier. The industrial chemicals market is about steady with little alteration in quoted values recorded. Potash salts are dull. Home makers are doing the bulk of the business in this section.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	June 1	Value of the £
Amsterdam ...	Fl. to £	12·107	8·38	13/10½
Berlin ...	Mks. to £	20·43	14·51½	14/2½
Brussels ...	Belga to £	35	24·19½	13/9½
Copenhagen ...	Kr. to £	18·159	22·45	24/8½
Lisbon ...	Esc. to £	110	110	20/-
Madrid ...	Ptas. to £	25·22½	39 7/8	31/3
Milan ...	Lire to £	92·46	64 11/16	14/0½
Montreal ...	Dol. to £	4·86½	4·51½	18/6½
New York ...	Dol. to £	nominal	3·09½	16/5½
Oslo ...	Kr. to £	18·159	10 7/8	21/4½
Paris ...	Fr. to £	124·21	85½	13/9½
Prague ...	Kr. to £	164·25	113½	13/9½
Stockholm ...	Kr. to £	18·159	19·50	21/5½
Warsaw ...	Zloty to £	43·38	30½	14/0½
Zurich ...	Fr. to £	25·2215	17½	13/10½

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

A STEADY flow of small business on spot continues, with values mostly about unchanged. Citric acid B.P. has been in good demand. Phenacetin is being offered at below the scale. Vanillin is fairly steady. Salicylates remain quiet.

ACETANILID.—Business is rather dull; market steady: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

AMIDOL continues to meet with some small business; market steady: 56 lb., 7s.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

AMIDOPYRIN.—Dealers' prices for spot are steadier at recent advances; business limited: crystals, five cwt., 18s. 3d.; two cwt., 18s. 8d.; less than two cwt., 19s. 9d. per lb.; with powder 2½d. per lb. extra.

AMMONIUM ICHTHOSULPHONATE.—Some occasional inquiry, with quotations unchanged: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d., in 1-lb. tins; 1s. 10d. in 8-oz. tins; and 2s. per lb., in 4-oz. tins.

ASPIRIN.—Quite a good inquiry is being received, with makers' and dealers' prices steady: home trade, ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d.; 28 lb., 2s. 11d.; 14 lb., 3s.; 7 lb., 3s. 2d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 9d.; five cwt., 2s. 10d.;

one cwt., 2s. 10½d. per lb., f.o.b.; less than one cwt., 2s. 11d. per lb., ex works.

BARBITONE.—Dealers' prices are mostly at the recent advance; isolated spot lots at cheaper figures: spot, one cwt., 13s. 4d.; 56 lb., 13s. 5d.; 14 lb., 13s. 9d.; small parcels, up to 14s. per lb.

BENZOIC ACID (B.P.) meets with a steady business, with prices holding: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb., ex store, as to quantity.

BROMIDES.—These products have been rather quiet of late; quoted prices are unchanged: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; 28 lb., 2s. 1d.; smaller quantities, 2s. 5d. per lb.; potassium B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb. net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE.—The demand is slow; quoted at former rates: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—Plenty of offers at keen prices; business is limited: pure alkaloid, 4s. 11d. to 5s. 3d. per lb.; citrate, 4s. 3d. to 4s. 6d. per lb., as to quantity.

CALCIUM LACTATE.—A fair business is reported, with the market steady: spot, one cwt., 1s. 1d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Makers' prices for home trade rule the market: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 4d.; one cwt., 3s. 5d.; 56 lb., 3s. 6d.; 28 lb., 3s. 7d.; 14 lb., 3s. 8d. per lb.; 28-lb. jars, one penny per lb. extra.

CHLOROFORM.—The home trade prices quoted by makers are unchanged: in drums, 2s. 3d. to 2s. 6d.; winchesters, 2s. 3½d. to 2s. 6½d.; 2-lb. bottles, 2s. 4½d. to 2s. 7½d.; 1-lb. bottles, 2s. 5½d. to 2s. 8½d.; 8-oz. bottles, 2s. 6½d. to 2s. 9½d.; 4-oz. bottles, 2s. 8½d. to 2s. 11d. per lb., for 10-cwt. down to 56-lb. lots; carriage paid on minimum cwt. lots.

CITRIC ACID (B.P. CRYSTALS).—A better business is reported. Makers' quoted price is at 9½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering at about level figures, with a fractional premium for acid made from citrus fruit.

CREAM OF TARTAR.—A fair demand is being received. Makers quote 99 to 100 per cent. for home trade at 80s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers are offering at about the same figure.

CREOSOTE (B.P.).—Dealers quote bulk quantities in 25-kilo. demijohns from 1s. 10½d.; smaller lots, up to 2s. 2d. per lb., as to quantity.

GUAIACOL CARBONATE.—There are isolated offers on spot at below the recent advance: two cwt., 8s. 11½d.; one cwt., 9s. 1½d.; less than one cwt., 9s. 6d. per lb. Business is not of much account.

HEXAMINE.—This market is steady and a very fair volume of business is being done: British-made free-running crystals, five cwt., in one delivery, 1s. 11d.; one cwt., 2s. per lb., in one-cwt. kegs, and higher prices for smaller quantities in bags. British rough powder, 1s. 6d. per lb., in kegs; foreign free-running crystals, spot, two cwt., 2s. 2d.; one cwt., 2s. 2½d.; smaller quantities, up to 2s. 6d. per lb.

HYDROQUINONE.—The agreed scale of prices is unchanged and cheaper sellers are not so much in evidence: ten cwt., 5s. 7½d.; five cwt., 5s. 8½d.; two cwt., 5s. 9d.; one cwt., 5s. 9½d.; 56 lb., 5s. 10d.; 28 lb., 6s.; 14 lb., 6s. 2d.; 7 lb., 6s. 6d. per lb., carriage paid.

IODIDES.—Makers' prices for these salts continue at former rates.

LACTIC ACID (B.P.).—A moderate business is moving, with competition for large-sized business: quantities, in carboys, 1s. 4½d. to 1s. 5½d.; in winchesters and bottles, 1s. 7d. to 1s. 10d. per lb., as to quantity.

METHYL SALICYLATE (B.P.).—Market is steady, but still dull: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Dealers' prices for spot are being maintained, with isolated cheaper sellers: two cwt., 19s. 9d.; one cwt., 20s. 6d.; 56 lb., 21s. 3d.; small parcels, 22s. per lb.

METOL.—A little business for small quantities is reported; market steady: 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d.; per lb., in 7-lb. tins, bottles extra. Wholesale distributors' prices for smaller quantities would be at higher rates.

PARALDEHYDE.—Business has been moderate and mostly for smallish quantities: quantities in demijohns, 1s. to 1s. 1d.; winchesters, 1s. 4d. per lb.; higher prices for small quantities.

PHENACETIN.—There are still some sellers on spot rather below the scale of prices; business is quiet: crystals or powder, ten cwt., 4s. 1½d.; five cwt., 4s. 3d.; two cwt., 4s. 4½d.; 56 lb., 4s. 6d.; less than 56 lb., 4s. 9d. per lb., carriage paid on minimum cwt. lots. No falling clause on contracts over twelve months.

PHENAZONE.—Spot values are keeping up with isolated cheaper lots; forward would be dearer: crystals, ten cwt., 9s. 10d.; five cwt., 10s.; two cwt., 10s. 4d.; and less, up to 11s. per lb., with powder 2½d. per lb. extra.

PHENOLPHTHALEIN.—A steady but limited business with makers' prices holding: two cwt., 4s. 7d.; one cwt., 4s. 8d.; 28 lb., 4s. 11d.; 14 lb., 5s. 2d.; 7 lb., 5s. 5d.; smaller parcels, up to 5s. 8d. per lb.

PHENYL ETHYL BARBITURIC.—Market is dull and irregular: one cwt., 36s. 9d.; 56 lb., 38s.; 28 lb., 39s. 3d.; smaller quantities, 40s. 6d. per lb., in 2-lb. bottles, carriage paid; small lots in different packing at higher prices.

POTASSIUM PERMANGANATE (B.P.).—A steady call for limited quantities; dealers' prices holding: quantities in two-cwt. drums, 8½d. to 8¾d.; druggists' parcels, 9d. to 10d. per lb., as to quantity.

POTASSIUM SULPHOGUAIACOLATE.—Dealers are finding business quiet; market quoted unchanged: spot, two cwt., 5s. 8½d.; smaller quantities, up to 6s. per lb.

QUININE SALTS.—Convention prices are keeping steady: sulphate, 1s. 10d.; bisulphate, 1s. 10d.; ethyl carbonate, 2s. 4½d.; salicylate, 2s. 5½d.; phosphate, 2s. 10d.; hydrochloride, 2s. 3½d.; bihydrochloride, 2s. 6½d.; hydrobromide, 2s. 3½d.; bihydrobromide, 2s. 6½d. per oz., carriage paid on bulk quantities.

RESORCIN.—There appears to be but very little imported material left on spot and holders are firm at 5s. 9d. to 6s. 6d. per lb. for small parcels. British material is quoted as follows: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb.

ROCHELLE SALTS.—Makers' prices are as follows: powder, five cwt. and over, 77s. 6d.; less than five cwt., 80s., less than one cwt., 82s. 6d. per cwt.; carriage paid, with crystals 2s. 6d. per cwt. extra. Pulv. seidlitz, five cwt. or over, 62s. 6d.; less than five cwt., 64s. 3d.; less than one cwt., 66s. 3d.; double seidlitz, five cwt. or over, 69s.; less than five cwt., 71s. 3d.; less than one cwt., 73s. 3d. per cwt., carriage paid. Quoted without engagement.

SALICYLIC ACID (B.P.).—Makers' home trade prices are steady, market quiet: one ton, 1s. 7d.; ten cwt., 1s. 7½d.; five cwt., 1s. 8d.; one cwt., 1s. 8½d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s. per lb.

SALOL.—Market is unsteady with business still slow: spot, crystals, 2 cwt., 5s. 9d.; one cwt., 5s. 11d.; 56 lb., 6s.; smaller parcels, 6s. 2d. per lb.; powder 2d. per lb. extra.

SANTONIN.—The Convention prices, quoted in dollars, are so far unchanged, with some outside offers at less. Some revision of the dollar scale is anticipated.

SODIUM BENZOATE (B.P.).—A steady business is being done at former figures. B.P. 1932 material, in bulk quantities, 1s. 8½d.; smaller parcels, up to 2s. per lb.

SODIUM DIETHYLBARBITURATE.—The scale of prices continues steady: spot, one cwt., 13s. 9d.; 56 lb., 14s.; 28 lb., 14s. 3d.; 14 lb., 14s. 6d.; 7 lb., 14s. 9d.; smaller parcels, up to 15s. per lb.

SODIUM SALICYLATE (B.P.).—The business being done is below average; market steady: home trade, powder, two tons, 2s.; one ton, 2s. 0½d.; ten cwt., 2s. 1d.; five cwt., 2s. 2d.; one cwt., 2s. 3d.; 28 lb., 2s. 4d.; 14 lb., 2s. 6d.; 7 lb., 2s. 7d.; 1 lb., 2s. 8d. per lb., with crystals one penny per lb. extra.

SULPHONAL.—Dealers' prices are steady on spot and would be dearer forward: crystals, two cwt., 15s. 10d.; one cwt., 16s. 6d.; 56 lb., 16s. 10d.; smaller parcels, up to 18s. per lb., with powder 2d. per lb. extra.

TARTARIC ACID (B.P. CRYSTALS).—Makers' home trade quoted price has been advanced and is now at 11½d. per lb., less 5 per cent. discount, nominal and without engagement. Imported material is tending to be firmer. There has been more business moving.

THEOBROMINE remains dull with the market competitive: pure alkaloid, 5s. to 5s. 6d. per lb.; sodium salicylate, 4s. 9d. to 5s. 3d. per lb., as to quantity.

THYMOL.—Some occasional inquiry with keen prices quoted: synthetic, fine white, one cwt., 5s. 3d.; 56 lb., 5s. 4½d.; 28 lb., 5s. 6d.; 14 lb., 5s. 9d. per lb.; ex ajowan seed, one cwt., 7s. 3d.; 56 lb., 7s. 4½d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb.

VANILLIN.—A moderate business moving with quoted prices fairly steady: 100 per cent., one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.

Crude Drugs, etc.

AGAR AGAR.—Spot is dull and unchanged; shipment rather steadier with a little inquiry: spot, Kobe No. 1, 2s.; No. 2, 1s. 10d.; Yokohama No. 1, 1s. 10d. per lb.; shipment, Kobe No. 1, 1s. 7½d.; No. 2, 1s. 5d.; Yokohama No. 1, 1s. 5d. per lb., c.i.f.

ANTIMONY.—Market is quoted unchanged on the week; quiet. Chinese crude, spot, nominal; shipment, £17 10s., c.i.f. Chinese oxide, spot, £28; shipment, £21 10s., c.i.f.

BALSAMS.—The spot market for small lots of *Tolu* is steady at 3s. 5d. per lb. *Canada* is quoted at about 3s. 1d. per lb.

BELLADONNA.—Good test root is scarce on spot and would be fully 65s. per cwt. Leaves are quoted at 65s. per cwt.

BUCHU.—A moderate business has been done this week with good green rounds at 1s. to 1s. 1d. per lb.; ordinary to fair, about 11d.; yellowish, about 9½d. to 10d. per lb. Ovals, fair green, 8d. per lb.

BURDOCK ROOT.—Dealers are quoting from about 45s. per cwt.

CAMPHOR.—Interest in this market is still lacking: spot, slabs, 2s. 2d.; flowers, 2s. 3d.; tablets, 2s. 7d. per lb.; shipment, slabs, 1s. 9½d.; flowers, 1s. 10d.; tablets, 2s. 1½d. per lb., c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz., and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ½ oz., ½ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CANTHARIDES.—Some supplies of Russian are available at about 7s. per lb.

CASCARA SAGRADA.—It is difficult to locate any 1932 peel on spot, nominal at 60s.; 1931 peel is quoted from 62s. 6d. to 65s. per cwt. Shipment of 1933 crop is as yet indefinite, with the price expected in the region of 42s. per cwt., c.i.f., in minimum car-load lots.

CELERY SEEDS.—Spot supplies are reported to be very short; firm at 2s. per lb.

CHAMOMILES.—There is a limited demand, with former prices steadily maintained.

CLOVES.—The market is much stronger this week, with shipment dearer. Zanzibar, spot, 5½d.; shipment, July-August, 5½d.; August-October, 5½d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended May 20 were 103 and the deliveries 43, leaving a stock of 1,531. From January 1 to date, landings of Zanzibar have been 1,848 and the deliveries 1,787. Landings of Madagascar for the week ended May 20 were nil, and the deliveries 30, leaving a stock of 1,072. Landings of Madagascar this year to date have been nil and the deliveries 84.

COCOA BUTTER.—Continues steady, with English quoted from 8½d. to 10d. per lb., as to quantity.

COCONUT (DESICCATED).—The market is steadier this week, with a little more doing. Spot, fine, 23s.; medium, 22s. per cwt.; shipment, halves, June-July, 20s. per cwt., c.i.f.

COD-LIVER OIL.—The recent upward trend of prices for shipment of Norwegian oil continues and the market is cabled as firm with sellers restricting their sales in anticipation of further appreciations. Finest Lofoten steam refined non-freezing medicinal oil, 100s. to 102s. per barrel, c.i.f.; spot, from 116s. per barrel, ex wharf, duty-paid. Some brands may be slightly cheaper. Fishing results to May 27 totalled 135,191 tons of cod and 75,248 hectol. of oil, compared with 158,633 tons of cod and 91,114 hectol. of oil at the same time in 1932 and 123,945 tons of cod and 58,055 hectol. of oil in 1931. Finmarken fishing is now drawing to a close.

ERGOT.—A moderate business in small lots, with Spanish at 1s. 7d. and Russian at about 1s. per lb. spot.

GELATIN.—A very fair business is reported, with quoted prices maintained: spot, gold leaf, 2s. 2d.; silver leaf, 2s.; bronze leaf, 1s. 9d.; thin leaf, 1s. 8d. per lb., in cwt. lots.

GENTIAN.—Spot supplies are very scarce; market firm at 60s. per cwt.

GINGER.—The market shows an improvement and is steadier. West African, spot, 19s.; for arrival, 17s. per cwt., c.i.f. Jamaican is steadier at 65s. to 97s. 6d. per cwt., as to quality.

GUM ACACIA.—This market shows a further recovery and some important business direct with America is recorded, but nothing much with this country; spot and shipment are quoted dearer: spot, Kordofan cleaned sorts, 38s.; natural, 37s.; bleached, 70s. to 72s. 6d. per cwt.; shipment, Kordofan cleaned sorts, 32s. 6d.; natural, 31s. 6d. per cwt., c.i.f.

HONEY.—The general tone is fully steady and sales of new crop continue on a fair scale. Jamaican is quoted from 30s. up to 48s. per cwt., for dark manufacturing up to white. Californian white clover, 50s. per cwt. The cheaper grades of Cuban and Domingo have been cleared.

HYDRASTIS.—A little more inquiry on spot, with prices for small lots about 4s. 1½d. per lb.

IPECACUANHA.—This market has been dull and Matto Grosso on spot is not so steady as quoted at 4s. 9d. to 4s. 11d. per lb. Minas, 4s. 1d. to 4s. 3d. per lb.

LIQUORICE ROOT.—Natural Australian is quoted at 20s. per cwt., and cuttings at 27s. 6d. per cwt. spot.

LOBELIA HERB.—New crop is quoted for July-August shipment at 11½d. per lb., c.i.f.

MENTHOL.—The state of this market is still unsatisfactory, business is slack and prices are still unsteady. K/S brands on spot, about 14s. 1½d. and less for bulk quantities; the market is practically nominal. Shipment is again easier, with April-May at 11s. 9d. and July-August at 11s. 9d. per lb., c.i.f. On Thursday morning the market was still slack and nominally unchanged.

MERCURY.—Spot is dearer and tends to advance from to-day's figures of £9 8s. 6d. to £10 per bottle, ex store. Shipment is moving up on a firm market with business with America and Germany noted: quoted from 36 to 38 dollars per bottle, f.o.b., Continental port.

OPIMUM.—The market is steady as quoted for shipment. Bulk quantities, 1s.; smaller parcels, 1s. 1d. per unit, landed and duty paid. Cabled advice reports that export from Smurna is to be prohibited as from June 1.

Stocks at Istanbul at April 30 were 1,602 cases of druggists quality; 129 cases of soft and 28 cases of Malatia, making a total of 1,759 cases, compared with 1,637 cases of druggists quality, 378 cases of soft and 153 cases of Malatia, making a total of 2,168 cases at the same time in 1932. Arrivals during this year's campaign amount to 1,075 cases, compared with 2,163 cases at the same time last year.

ORANGE PEEL.—Some supplies of new crop thin cut are quoted at 1s. 2d. and old crop, fair, at 10d. per lb., spot.

PEPPER.—Values show an appreciation on the week, market rather dull and below the best at the close. Lampong, spot, 5½d.; shipment, May-July, 5½d.; August-October, 5½d. per lb., c.i.f. Tellicherry, spot, 5½d. Aleppo, spot, 5½d. White Muntok, spot, 8½d.; shipment, May-July, 7½d.; August-October, 7½d. per lb., c.i.f. Values recovered at the close, market firm.

PIMENTO.—Market shows a further advance with the tone firm. Spot, 3d.; shipment, July-August, 26s.; August, 26s. 6d. per cwt., c.i.f.

RHUBARB.—A fair inquiry continues with the market fully steady. Shensi, 4s. 3d. to 4s. 6d., with pickings 3s. 4d. per lb. Canton, 2s. 8d. to 2s. 9d., with pickings 1s. 9d. High-dried, flat, 2s. 2d.; rough coated flat, 1s. 7d.; round horny, 1s. 3d. to 1s. 4d. per lb. for fair quantities.

RUBBER.—The market has been strong most of the week; business has been on a better scale, closing firm. Standard ribbed smoked sheet, spot, 3½d.; June, 3½d.; July-September, 3½d.; October-December, 3½d.; January-March, 1934, 3½d.; April-June, 3½d. per lb.

SAFFRON.—Market is steady with some small business being done: spot, prime B.P., 60s. 3d.; extra B.P., 56s.; super B.P., 53s. per lb., and slightly less for bulk quantities.

SARSAPARILLA.—The market is steady but business is limited: spot, native mixed colours, 1s. 1d. to 1s. 2d.; grey Jamaican, 1s. 9d. to 1s. 10d. per lb., as to quantity.

SEEDS.—ANISE.—Spot, Spanish, 52s. 6d.; Bulgarian, 40s. paid, duty paid. CANARY.—Spot, Mazagan, selling at 11s. 9d.; market dearer; Tangier, 11s. 3d.; Kenitra, 10s. 9d. LINSÉED.—Mazagan sold at 15s. spot; Morocco quoted at 14s. 3d. CORIANDER.—Morocco 1932 crop sold at 14s. 6d. in bond; 1929 sold at 15s. 6d. Wormy quoted at 13s. 6d. to 14s. 6d. CUMIN.—Malta sold for shipment at 34s., c.i.f.; Morocco, spot, 32s. 6d.; for shipment, 28s., c.i.f., quoted.

FENUGREEK.—Tunisian spot, 15s. 6d.; Morocco, 12s.; shipment quoted at 9s. 9d., c.i.f. CARAWAY.—Dutch still rising, 42s. 6d. now quoted spot. MUSTARD.—English market firmer: 23s. 6d. to 35s. per cwt., according to quality.

SENEGA.—The market is dull with spot about 1s. 10½d. to 1s. 11d. per lb., as to quantity.

SENNA.—The best feature of the market is Tinnevely leaves, which continue to sell with spot stocks limited. Tinnevely

pods are in free supply. The better grades of Alexandrian hand-picked pods are short, but there is a good supply of the manufacturing grades; medium to fair pods, 2s. to 2s. 6d.; manufacturing, 4d. to 6½d. per lb.

SHELLAC.—Market has been slow with values barely maintained. Spot, standard TN orange, 60s.; fine orange, 72s. 6d. to 117s. 6d.; pure button, 72s. 6d. per cwt. For delivery, TN, August, 56s.; October, 57s.; December, 58s.; for arrival, June-July, 50s. 6d. per cwt., c.i.f.

TONKA BEANS.—Values are nominal with practically nothing available here or on the Continent.

TRAGACANTH.—Practically all the lower grade material has been cleared on a sharply advancing market. Interest is now growing in the intermediate grades which are firmly held and with the finer qualities have a decided tendency to advance. An editorial on the position is given on page 598 of this issue.

WAX (VARIOUS).—CARNAUBA, fatty grey, 75s. in bond, 69s. c.i.f.; chalky, 75s. in bond, 69s. c.i.f. PRIMEIRA, 140s. in bond; shipment, 130s., c.i.f. JAPANESE, 40s.; BENGUELA, 82s. 6d., in bond. ABYSSINIAN, 82s. 6d., in bond. BEES', 105s. to 160s., as to quality. PARAFFIN, 2½d. to 3½d. per lb. CANDELILLA, 75s. to 77s. 6d. per cwt.

Essential Oils, etc.

THERE has been a little more life in the market this week and business generally has been better. Ceylon citronella is steadier. Lemongrass shows a further sharp advance, with supplies scarce. A moderate business is reported in Sicilian sweet orange. Japanese peppermint is still slack. Wormseed is steadier.

ALMOND.—Market is steady, business limited. English sweet, in cwt. lots, 2s. 7d.; smaller quantities, up to 2s. 9d. per lb. Foreign sweet, in cwt. lots, 2s. 4d.; up to 2s. 7d. per lb. for small lots.

ANISE (STAR).—The spot market remains dull; a little more interest shown in shipment, with quotations slightly dearer: spot, "Red Ship," in leads, 1s. 10½d.; in tins, 1s. 8d.; in drums, 1s. 7d.; shipment, in leads, 1s. 8d.; in tins, 1s. 6½d.; in drums, 1s. 6d. per lb., c.i.f.

BERGAMOT.—The shipment market is dull with offers of bulk quantities from 4s. 9d. to 5s. per lb., c.i.f., with old oil at lower prices. Spot does not find much demand; quoted from 5s. to 5s. 6d. per lb., as to quantity.

BOIS DE ROSE.—There were reported one or two cheap spot sales, but the market is now steadier, with quantities in drums at 4s. and smaller lots up to 4s. 3d. per lb.; shipment is better, with the quotation now at 3s. 6d. per lb., c.i.f.

CAJUPUT.—Market remains slow, but about unchanged. Spot from 2s. 3d. to 2s. 6d., per lb., as to quantity, for 1932 B.P. quality; green, 2s. to 2s. 1d. per lb.

CANANGA.—This market seems to be quite neglected and is irregular on quotation.

CEDARWOOD.—The American product is fractionally cheaper with the decline in the dollar. Spot, in drums, 1s. 8d.; in tins, 1s. 9d. per lb. Colonial, 1s. 8d. in drums and 1s. 9d. in tins for small parcels.

CINNAMON LEAF.—Market is reported steady but rather slow, Spot, in tins, 2s. 9d. to 3s. per lb., as to quantity; shipment, in drums, 2s. 3d. per lb., c.i.f.

CITRONELLA.—The Ceylon product is rather better although business is not of much account. Spot, in small supply, 1s. 10½d. for small lots; shipment, about 1s. 8½d. per lb., c.i.f. Java is unchanged and dull, with spot at 2s. 7d. and shipment at 1s. 11½d. per lb., c.i.f.

CLOVE.—The shipment market for Madagascar is dearer at about 2s. 5d. per lb., c.i.f.; spot is steady at 3s. 3d. to 3s. 6d. per lb., as to quantity. English, 4s. 3d. to 4s. 6d. per lb., spot, as to quantity.

GERANIUM.—Despite the rather marked lack of business the shipment price for Bourbon is holding at about 21s. per lb., c.i.f.; genuine oil on spot is mentioned at about 23s. 6d. per lb. Algerian, spot, about 23s. 6d. per lb.

GINGERGRASS.—The quoted figures of 6s. 8d. to 7s. per lb., as to quantity, might be shaded; business remains slow: shipment, 5s. 10½d. per lb., c.i.f.

LEMON.—There has been a fair amount of small business doing in Sicilian hand-pressed, with shipment in the region of 3s. 6d. to 3s. 9d. per lb., c.i.f.; spot is offering from 3s. 6d. to 4s. 6d. per lb., as to quantity. Californian is unchanged: spot, in large drums, 48 cents and 49 cents per lb. in small drums.

LEMONGRASS.—A further sharp advance is recorded here and supplies on spot are reported scarce. Shipment is now held at 2s. 1½d. per lb., c.i.f., and spot from 2s. 5d. to 2s. 6d. per lb., as to quantity. At the close shipment was again dearer at 2s. 2½d. to 2s. 3d., c.i.f., and spot was scarce and fully 2s. 6d. to 2s. 7½d. per lb. Very firm and advancing.

NEROLI.—Cabled reports indicate that prices for new crop are not likely to be at lower figures, as was at first anticipated. Spot is offering from 9s. 3d. to 12s. 6d. per lb., as to quantity.

ORANGE.—French Colonial oil for shipment, which is coming to an end for the time being, is again dearer at close up to 3s. 3d. per lb., c.i.f.; small spot parcels are mentioned at from 3s. 9d. per lb. Californian continues to find some business as quoted at 50 cents in single cases and 45 cents per lb. in two or more cases, spot. Sicilian sweet meets with a limited inquiry and is quoted in the region of 5s. to 5s. 3d. per lb., c.i.f.; spot is offered at about 5s. 3d. to 5s. 8d. per lb., as to quantity.

PALMAROSA.—Inquiry remains rather poor, market quoted unchanged. Spot, 7s. 3d. to 7s. 9d. per lb., as to quantity; shipment, about 6s. 10d. per lb., c.i.f., with some fair business done.

PAICHOULI.—After some weeks of irregular and dull markets this product is steadier. Shipment is now at about 6s. 8d. to 6s. 9d., c.i.f., and spot sellers are asking 7s. 3d. to 7s. 6d. per lb., as to quantity.

PEPPERMINT.—The spot market for the Japanese product remains dull, with the quotation about 5s. 6d. per lb. Shipment shows a further loss and is neglected; May-June, 5s.; July-August, about 5s. per lb., c.i.f. American natural oil continues firm and gradually moving up. Best brands are now sparingly offered at from 2 dollars 40 to 45 cents and upwards per lb., c.i.f., subject to acceptance.

PEITIGRAIN.—Some spot holders may be willing to shade the quoted figures of 4s. 3d. to 4s. 6d. per lb.; shipment, about 3s. 7d. per lb., c.i.f.

ROSEMARY.—A modest business, with the market about unchanged as quoted on spot at 1s. 8d. to 1s. 10d. per lb., as to quantity.

SASSAFRAS.—A small business at prices varying as to quality from about 3s. 9d. to 5s. 3d. per lb.; artificial at cheaper prices.

SPERMINT.—Prices are maintained on a rather quiet market. Spot, 7s. 9d. to 8s.; shipment, 7s. per lb., c.i.f.

WORMSEED.—This market seems to be a little steadier, but there may be cheaper spot sellers. Spot, 11s. 3d. to 11s. 6d.; shipment, 9s. 9d. per lb., c.i.f.

Industrial Chemicals, etc.

CONDITIONS in this market are fairly steady with the volume of business moving still below normal. Potash products are a poor feature. **ACETIC ACID.**—Business is rather slow and keen prices are quoted for large quantities: 80 per cent., technical, £38 5s.; 80 per cent., pure, £39 5s. per ton, in barrels; glacial, pharmaceutical, 99 to 100 per cent., £59, in glass demijohns; glacial, in barrels, £48 per ton, carriage paid in U.K. **ACETONE B.G.S.**—The market is quoted unchanged; business a little better: £65 to £68 10s. per ton, in drums, carriage paid in U.K.; less for large quantities. **AMMONIA (ANHYDROUS).**—A steady demand, with home makers in a good position: 99.95 per cent. material, 11d. to 1s. 3d. per lb., in loaned drums, carriage paid, and less for important contracts. **AMMONIUM CHLORIDE.**—Business is not of much account, dealers' prices steady: grey galvanising, £19 per ton, in casks, ex store; slightly less for contracts. **ARSENIC.**—The market has been quiet: Continental, £19 7s. 6d. per ton, ex wharf, London. **BLEACHING POWDER.**—Makers' price for home trade is steady: 35 to 37 per cent. chlorine, £8 15s. per ton, in softwood casks, carriage paid, for minimum four-ton lots. **BORAX.**—Commercial granulated, £15 10s.; crystals, £16 10s.; powdered, £17; extra fine powder, £18; B.P. crystals, £24 10s.; powdered, £25; extra fine, £26 per ton, packed in 1-cwt. bags, carriage paid in Great Britain; makers continue to quote at unchanged rates. **BORIC ACID.**—Commercial granulated, £26 10s.; powdered, £28 10s.; extra fine, £30 10s.; large flakes, £39; B.P. crystals, £35 10s.; powdered, £36 10s.; extra fine, £38 10s. per ton, in 1-ton lots and upwards in free 1-cwt. bags, carriage paid in Great Britain; makers' prices continue unchanged. **FORMALDEHYDE.**—The call for this product remains restricted; keen prices for bulk quantities: 40 per cent., by volume, £28 to £29 per ton, in casks, ex store; lower prices for big quantities. **ISOPROPYL ALCOHOL.**—Prices quoted depend on quantity; business rather slow: first quality, ex acetone, 11s. 6d. to 12s. per gallon, in drums, carriage paid; ex "cracked petroleum" qualities, 9s. 6d. per gallon. **LEAD ACETATE.**—The market is dull and there are some cheap sellers: brown, £29 10s.; white, £31 10s. per ton, in casks, ex store. **LITHOPONE.**—The market is rather easy for quantities as quoted: 30 per cent. Continental red seal, £19 to £19 10s. per ton, ex store. **OXALIC ACID.**—Business is moving on a fair scale; dealers' prices steady. Quantities, in casks, £47 15s. per ton; small lots in cwt. kegs, 54s. to 58s. per cwt., ex store. **POTASH CAUSTIC (88 to 92 PER CENT. SOLID).**—Dealers' quoted prices are about

steady; business restricted. From £38 10s. to £40 10s. per ton, in drums, ex store, as to quantity. **POTASSIUM CARBONATE.**—The call for this product is very poor; quoted unchanged: 90 to 92 per cent., £31 10s. per ton; 96 to 98 per cent., £32 5s. per ton, in casks, ex store; lower prices for contracts. **POTASSIUM CHLORATE.**—Business is below normal; market about steady: quantities, £37 per ton; small parcels, 44d. to 54d. per lb., ex store. **POTASSIUM PERMANGANATE.**—A fair business in moderate quantities is being done; prices steadily maintained: commercial quality, in two-cwt. drums, 84d. to 88d. per lb., ex store. **POTASSIUM PRUSSIAN.**—Dealers are booking a limited business; market steady: yellow, £74 to £77 per ton, as to quality. **RED LEAD.**—The International Convention prices are maintained; business only moderate: 5/10 cwt., £25 10s.; 10 cwt./1 ton, £25 5s.; 1/2 tons, £25; 2/5 tons, £24 10s.; 5/20 tons, £24; 20/100 tons, £23 10s.; over 100 tons, £23 per ton, less 2½ per cent., carriage paid; non-setting red lead, 10s. per ton dearer. Continental material £1 per ton cheaper. Subject to withdrawal without notice. **SAL AMMONIAC.**—A steady but limited business is reported, with the market unchanged: dog-tooth crystals, £35; medium, £31; fine white crystals, £17 10s. per ton, in casks, ex store; slightly less for contracts. **SALTCAKE** is quoted for home trade at about 61s. 6d. per ton, in minimum truck lots, carriage paid. **SODA CAUSTIC.**—Makers' prices for home trade are unchanged: 70 to 72 per cent., £13 12s. 6d.; 76 to 77 per cent., £14 per ton, carriage paid on contracts; spot, 10s. per ton extra. **SODA CRYSTALS (CARBONATE).**—The home trade price from makers is £5 5s. per ton, in bags, f.o.r. makers' works. **SODIUM ACETATE.**—Supplies continue rather short and the quoted price is firm at £22 15s. per ton, in casks, ex store. **SODIUM BICARBONATE.**—Makers' price for home trade is steady; refined, in bags, £10 10s. per ton, carriage paid. **SODIUM CHLORATE.**—Some moderate business with bulk quantities quoted at about £32 to £32 10s. per ton; smaller parcels, from 4d. to 5d. per lb. **SODIUM HYPOSULPHITE.**—A fair inquiry is being received: dealers quote pea crystals, in one-cwt. kegs, £15 per ton; commercial quality, £8 15s., in casks, ex store; makers' price for pure crystals to home consumers on contract, £15 per ton, carriage paid to buyer's works. **SODIUM PRUSSIAN.**—Some occasional business being done: quantities, 4½d. per lb.; smaller parcels, up to 5d. to 6d. per lb., ex store. **WHITE LEAD,** dry, English, less than 5 tons, £37 10s.; 5/15 tons, £32 10s.; 15/25 tons, £32; 25/50 tons, £31 10s.; 50/200 tons, £31 per ton, less 5 per cent., carriage paid; Continental, £1 per ton cheaper; ground in oil, English, 1/5 cwt., £47; 5/10 cwt., £45; 10 cwt./1 ton, £44 10s.; 1/2 tons, £43 10s.; 2/5 tons, £42; 5/15 tons, £39; 15/25 tons, £37 10s.; 25/50 tons, £37; 50/100 tons, £36 10s. per ton, less 5 per cent., carriage paid; Continental material, £2 per ton cheaper; Convention prices are unchanged and subject to withdrawal without notice.

Coal Tar Products, etc.

Most of the products in this market remain quiet in demand with quoted prices about maintained. Solvent naphthas and Toluol are good markets at improved prices. **BENZOL.**—Market is about steady, business fair: standard motor 90's, 1s. 7d. to 1s. 8d. per gallon, in tank wagons, ex works; pure, 1s. 11d. to 2s. per gallon. **CARBOLIC ACID CRYSTALS (39° to 40°C.).**—Prices are steadily maintained and bulk supplies are restricted; lots of a few cwt. from 10d. up to 1s. per lb. for small parcels, carriage paid. **CRESYLIC ACID.**—Ample stocks are available with values remaining at low levels; business has been better: pale 98 to 100 per cent., 1s. 2d. to 1s. 3d.; dark 95 per cent., 10d. to 11d.; special qualities, 1s. 11d. to 2s. 2d. per gallon, ex works. **AMERICAN DUTY-FREE ACID,** 1s. to 1s. 3d. per gallon, f.o.b. **CRESOTE OIL.**—Business is on the slow side with material freely available: bulk quantities, f.o.r. makers' works, South England, 3½d. to 4½d. per gallon, as to quantity. **KEROSENE.**—Market continues to be quoted unchanged: water white, 11½d.; standard white, 10½d. per gallon, in barrels, ex wharf, in London, duty paid. **MOTOR SPIRIT.**—National distributors' prices are as follows: No. 1, 1s. 4d. per gallon, delivered in bulk for England, Wales and South Scotland; 1s. 4½d. for Belfast and 1s. 5d. for remainder of Northern Ireland and North Scotland; 1s. 5d. for Irish Free State, with Dublin 1s. 4d. per gallon. No. 3 spirit, 2d. per gallon less, and aviation spirit, 4d. per gallon more in all cases. 1d. to 2d. per gallon more in two-gallon tins, as to district. **PITCH.**—The market is lifeless in the off season; occasional inquiry for the autumn: quoted from 80s. per ton, f.o.b., East Coast. **SOLVENT NAPHTHAS.**—Market steadier at slightly improved prices: 90 to 160, 1s. 4½d. to 1s. 6d.; heavy, 90 to 190, 11d. to 1s. 1d. per gallon, naked at works.—**TOLUOL.**—Market is very steady: commercial 90's, 2s. to 2s. 1d.; pure, 2s. 2d. to 2s. 6d. per gallon, ex works, London. **XYLOL.**—Prices are about maintained with the market dull: commercial, 1s. 11d. to 2s.; pure, 2s. 1d. to 2s. 2d. per gallon, ex works, London.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Pharmacy and Poisons Bill

SIR,—Since the publication of my letter of May 16 (*C. & D.*, May 20, p. 553) there have been important developments in connection with the above Bill. It transpires that, apart altogether from the objects of this particular Bill, it is the view of a number of Scottish members of Parliament that Clause 6, which deals with the constitution of the Statutory Committee, raises an important constitutional question of general application affecting Scotland. This purely political matter need not be gone into now, but the fact remains that the Scottish Office shares their view and that, on representations from the Scottish Office, we understand the Home Secretary is prepared to give effect to their advice and accept an amendment to Clause 6 providing for the inclusion of one Scottish pharmacist on the Statutory Committee. The Executive of the North British Branch has just reaffirmed the view stated in the letter referred to, and we believe it expresses the settled conviction of Scottish pharmacists who have duly considered the matter in all its bearings. But the situation is now entirely altered, and, as our chief concern all along has been to avoid and resist anything that would tend to impede or delay the passing of the Bill, in accordance with our pledge to the Council, we do not propose in the circumstances to offer any opposition to the suggested amendment. We have felt honourably bound not to suggest or support any amendment brought forward at the last moment without fair notice being given to other parties who have agreed similarly to support the Council's policy, and we therefore sincerely hope that this will be understood by pharmacists generally.—Yours faithfully,

J. W. B. McVITAE,
Chairman of the Executive of
the North British Branch.

North British Executive Election

SIR,—Through the medium of your esteemed paper may I appeal to all Scottish pharmacists to be sure to vote at the forthcoming North British Executive Election, and if they consider me worthy, may I ask that one vote may be cast in my favour?

Yours faithfully,
Dunfermline. THOMAS C. MILLER, M.P.S.

Applying for a Situation

SIR,—Anyone advertising for a manager or assistant during the last few years must have found the replies very interesting. The quantity received is at first confusing, but it is surprising how easily one can sift them and so get down to a short list. One man spelt the name of the town incorrectly; since this was printed in the advertisement correctly, I deduced lack of observation or carelessness. An elderly man gave his age. I turned up the Register the year he qualified, and assuming he was only twenty-one when he qualified (he may have been more), at the time of his application he must have been ten years older than he said. Another man gave a reason for leaving his last situation. This is quite unnecessary; it can always be obtained when applying for verification or request for testimonial. The reason given was a disagreement with another assistant. I have known similar circumstances, and then the better man of the two was kept. This applicant may have been a perfectly good man, but it is not usual to risk engaging a man who is inclined to quarrel. A number named a fixed salary but were prepared to accept less. This savoured too much of the employer accepting a favour at the commencement from his employee. Better far to have stated the minimum salary with a saving clause stipulating an increase according to results. In another letter I read "This is a good county to get out of" as a reason for desiring a change. Counties did not interest me. I

thought when I opened another letter an editor would have been a more suitable recipient. There were pages of scrawl, and the ability described was such as to have warranted a writer obtaining a situation with a salary of at least £5,000 a year. A few enclosed "sporty" snaps, taken, shall I say? in luxurious surroundings (probably on holiday). These cut no ice. It is to an employer's advantage for an employee to take an interest in the social life of the district, but I contend a plain snap is better. Others gave insufficient information, and valuable time would have been lost seeking more. The handwriting, generally speaking, was exceedingly bad. One consonant in some cases would have covered a postage stamp, so how the applicants wrote labels I do not know. These are, of course, the most drastic criticisms I can make. What is necessary? Legible and neat handwriting. Age. Married or single. Experience from apprenticeship, giving length of time at each place. Any outstanding experience which from the tone of the advertisement may be useful. Names and addresses of previous employers. Copies of testimonials. Salary expected. When disengaged or when willing to commence duties. An addressed (if not stamped) envelope for a reply. Last, but by no means least, brevity.

Yours, &c.,
CRITIQUE (29/5).

Varying Profits

SIR,—I read with interest the comments of "Country Chemist" (*C. & D.*, May 27, p. 581) on my recent letter dealing with varying profits. He questions the necessity of a junior assistant in a business with a turnover of £1,500. I agree that, working single-handed, the saving of wages gives a welcome increase in profits at the year's end. I agree also that it can be done, provided that the flow of customers is fairly steady. My own experience proved otherwise. When I commenced business a few years ago I worked single-handed, but it was soon evident that extra help of some kind was needed. In the first place, I had a lock-up shop. This meant closing the shop for the midday meal. Obviously, since my shop was the only one in the town to close, a certain amount of business was lost. Then again, especially on market days and Saturdays, I experienced those rush periods, very welcome, but rather embarrassing when single-handed. When a chemist has a customer requiring half a dozen lines entailing ten minutes' work, with four more customers waiting, the last arrival has a habit of going elsewhere. N.H.I. dispensing, too, under such conditions can become a worry. All things considered, I think an assistant is desirable. It is easier to keep the shop spotlessly clean, make frequent changes in window and counter displays and maintain that quick service so essential in these restless, impatient days.

Yours faithfully,
PROVINCIAL (29/5).

The Pharmaceutical Society's Benevolent Fund

SIR,—I always feel that I miss something by being unable—owing mainly to distance—to attend the annual meetings of the Pharmaceutical Society. I know quite well that the actual work of societies is done by the few, whether these few are called an "inner ring" or not; but what is needed is personal interest, and this can only be secured by individual effort. The Benevolent Fund, unfortunately, is also the subject of general apathy. These days have brought many compulsory expenses upon pharmacists, and these payments may in a large degree account for the falling off in those voluntary gifts that were the custom of a prior generation. As a subscriber from the time when I fingered the first coins which came to me as wages, may I plead the cause of this Fund, for the absolutely charitable administration of which I can vouch?—Yours, &c.,

NORTHERNER (30/5).

Dispensing Notes and Difficulties

Chemical Incompatibility

SIR,—Is it possible to dispense the following lotion as a clear solution? We have had various results by using different methods, and the most presentable is one that gives a light-pink precipitate. What chemical reaction takes place, and what does the pink precipitate consist of?

Tr. iodi	..	..	..	3j.
Hydrarg. perchlor.	..	..	..	gr. v.
Plumbi acet.	..	..	..	ʒiss.
Zinc. sulph.	..	..	..	ʒiss.
Aq.	..	..	..	ad ʒvj.

Yours faithfully,

ENQUIRER (11/2).

[The problems of a lotion of this formula are surely those of chemical incompatibility. There is a mixture of free iodine, potassium iodide, and the three salts. In these there are four bases and four acid radicles, with the addition of the iodine, which will make the fifth acid radicle. Of the possible combinations zinc acetate (soluble 1-2½ water) and zinc iodide (soluble freely) may be dismissed. Lead sulphate, lead iodide and a mercury iodide, probably H₄I₂ may be formed, depending on the order of mixing. It would be impossible to dispense this as a clear solution and without chemical changes. The pink precipitate undoubtedly consists of H₄I₂—biniodide of mercury. We are afraid nothing can be done to improve the lotion, unless, with the doctor's consent, the tincture of iodine is omitted.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

F. C. (3/58).—STYPTIC PENCILS.—The following are the methods adopted for the manufacture of alum pencils:—*White*: Liquefy 100 gm. of potassium alum crystals by the aid of heat. Remove any scum and avoid overheating, particularly of the sides of the vessel in which liquefaction is being carried out. The molten liquid should be perfectly clear. Triturate a mixture of French chalk in fine powder, 5 gm., glycerin 5 gm., to a paste, incorporate with the liquefied alum and pour into suitable moulds. A white appearance can be imparted to the resulting pencils by the addition of more French chalk. *Clear*: Carefully liquefy potassium alum crystals so as to avoid loss of water of crystallisation, adding a small amount of glycerin and water (about 5 per cent.) until a clear liquid is obtained. This is poured, whilst hot, into suitable moulds, previously smeared with fat. The solidified pencils are rendered smooth by rubbing them with a moistened piece of cloth.

Mintos (24/58).—CLEANING ARTIFICIAL DENTURES.—The following formula has been found to be satisfactory in every way:—

Precipitated chalk	..	..	4 oz.
Heavy magnesium carbonate	..	..	1 oz.
Light magnesium carbonate	..	..	½ oz.
Powdered soap	..	..	2 dr.

The dental plate brush should be slightly damp when using this powder. See also *C. & D.*, 1931, II, 352.

G. R. (22/38).—LABEL VARNISH.—White hard spirit varnish diluted with about an equal volume of spirit is best for varnishing labels. The labels must be sized twice and be quite dry before the varnish is used—two coats are required. The size is made by dissolving gelatin, 1 oz., in water, 20 oz.

Legal Queries

G. A. D. (7/1).—Is an assistant entitled to his wages in respect of a period of three weeks during which he was absent from work on account of illness? [The assistant is entitled to his full wages in respect of the three weeks, in the absence of an express agreement to the contrary.]

W. M. C. (4/2).—The use of the titles "Bismuthated Magnesia," "Ammoniated Quinine," and "Soda Mints" does not involve liability to medicine-stamp duty, provided that the labels or advertisements, etc., do not contain any claims, such as references to ailments, etc., which would create liability. However, liability may be incurred otherwise than by the use of a particular label, leaflet or circular.

Lease (27/3) occupies business premises in a country town. Under the original lease, for twenty-one years from 1905, the rent rose from £60 to £80 a year; under a renewal of the lease, for a further period of twenty-one years, the rent has been doubled. Is this increase legally justified? Under the terms of the fresh lease, the landlord has the right to terminate the tenancy at the end of fourteen years if he requires the premises for enlarging his own, which are next door. Should the landlord exercise this right, would "Lease" have a right to compensation? [As the premises were not covered by the Rent Restriction Acts, the increase of rent was legal. In the event stated, "Lease" might have a claim for compensation under the Landlord and Tenant Act, 1927, provided that he gives notice within the prescribed time and in the prescribed form.]

Coriandolunus (19/10).—A boarder pays his landlady weekly, in advance, for board and lodging. On Saturday morning, he paid his week's money as usual. In the afternoon there was a disagreement and the landlady required the boarder to leave immediately. The result was that the boarder had to take accommodation at an hotel, for which he had to pay a higher price. Was the landlady acting within her rights? [As we do not know the full circumstances in which the landlady acted as she did we cannot express an opinion as to her right to do so. If she had not adequate grounds upon which to break the contract, she might be held liable to pay damages in addition to refunding the week's money paid in advance. If, on the other hand, the boarder's conduct justified the landlady's action, all that she need do is to refund the week's money paid in advance, less a reasonable deduction in respect of the part of Saturday during which she provided board and lodging. We think it is unlikely that the Court would allow her to retain the money; but this would depend upon the circumstances.]

Retrospect of Fifty Years Ago

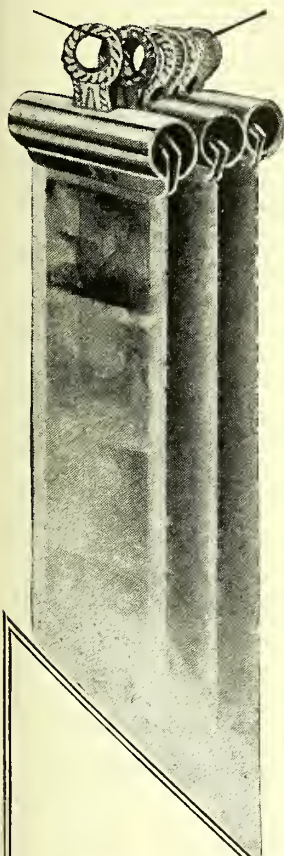
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"The Chemist and Druggist," June 15, 1883

Bentham and Hooker's "Genera Plantarum"

A curious and characteristic literary confession. . . . only just now published, has emanated from Mr. George Bentham, the distinguished botanist. It relates to the exact share of work to be credited to the joint authors of that fine production, the "Genera Plantarum." . . . The Polypetaleae were pretty equally divided. Hooker worked up Cruciferae, and Bentham (as might be expected) took Leguminosae. Hooker gave close attention to Rubiaceae, while Bentham endeavoured to reduce to some order the intricate, almost endless, details of the innumerable closely allied, and often scarcely distant, genera of Compositae. . . . Bentham gave more than a twelvemonth's constant and uninterrupted labour to the Orchideae, and at least as much to the Gramineae. Throughout the work, unless there is a special indication to the contrary, characters were drawn up from actual examination of specimens.

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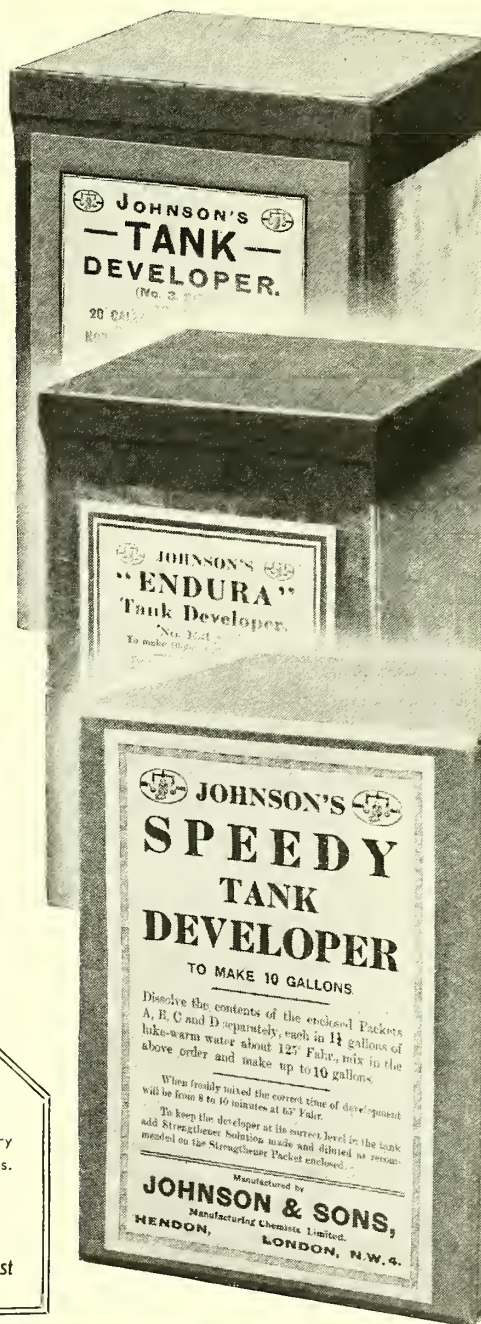
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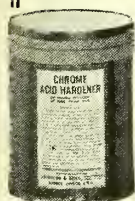
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1/3 Size 11/9 Per Doz.	1/3 Size 11/9 Per Doz.	1/3 Size 11/9 Per Doz.
3/- " 28/- "	5/- " 54/- (Tablet Form)	3/- " 28/- "
5/- " 54/- "	1/3 Size 11/9 Per Doz.	

Less 2½% Discount and 5% Window Display Allowance. Minimum Order £2-0-0 value. Monthly Account. All goods packed free and sent carriage paid. Stock more—show more and sell more Beecham's Pills and Beecham's Powders.

BEECHAM'S PILLS, LTD.
ST. HELENS, LANCASHIRE.



Unprecedented Profits

Send an order to your regular wholesaler for three of the new Daisy container display cards (30's) costing 2/9d. each. You will make no less than 82% profit on your outlay. Make the heavy Daisy advertising swell your own turnover and profits by always keeping this card on display.

J. E. ELLIS LTD.
Horsforth, LEEDS

**This illustration
is reproduced in
the National Press
10,000,000
times each week**

INJUNCTION GRANTED

to the Makers of

GRIPS FIRST-AID PASTILLES

IN THE HIGH COURT OF JUSTICE1933 J.830.CHANCERY DIVISIONAssigned to MR. JUSTICE LUXMOOREMR. JUSTICE CLAUSON

TUESDAY - the 9th day of May, 1933.

B E T W E E N

J. W. LIGHTBOWN & SONS LIMITED

...

...

Plaintiffs.

--and--

WILLIAM KING (trading as W. King &
Son)

...

Defendant.

UPON MOTION for an Injunction this day made unto
this Court by Counsel for the Plaintiffs and UPON HEARING
Counsel for the Defendant and UPON READING the Writ of
Summons issued on 31st March, 1933

AND the Defendant by his Counsel perpetually
undertaking that he his servants and agents will not
infringe the Plaintiffs registered Trade Mark No. 426392
in the Writ of Summons mentioned and not to use the word
"Kwips" on or in connection with any sweetmeats

AND the Plaintiffs and the Defendant by their
Counsel agreeing to the said Motion being treated as a
Motion for Judgment and consenting to this Judgment

THIS COURT DOTH ORDER that the Defendant do pay
to the Plaintiffs the sum of Fifty pounds as agreed
damages and also their costs of this action to be taxed
by the Taxing Master.

THE SPECIAL BONUS OFFER

which has been circulated to the trade shows profits up to 91% on outlay on Collosol preparations. The medical profession are now in possession of the monograph 'A New Force in Antiseptis' introducing the Karvol series of products, all of which are incorporated in the Bonus terms offer.



Apply at once if particulars are not already to hand.

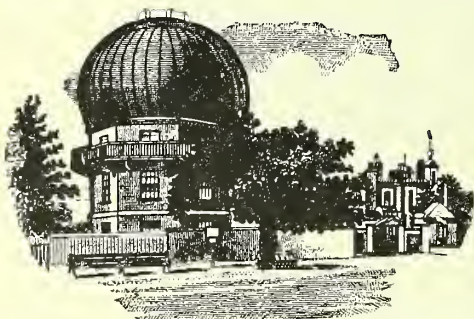
THE CROOKES LABORATORIES

(British Colloids Ltd.),

PARK ROYAL, LONDON, N.W.10

*Phone: Willesden 6313 (3 lines).

*Grams: Collosols Harles, London.



Greenwich Observatory and Clock

TRADE MARK

GREENWICH LEMONADE

JUNE BONUS PARCEL

6 doz. 2½d. @ 20/- per gross	=	10 0
3 doz. 4½d. @ 36/- " "	=	9 0
1/3 doz. 8½d. @ 68/- " "	=	1 10
		£1 0 10

1 dozen 4½d. Greenwich Lemonade Free in payment for display.

SELLS FOR - - **£1. 15. 10**
Carriage paid, less 2½% C.W.O.

MILNER & COKE, LTD.

11 JOHN PENN ST., LONDON, S.E.13

CHELTINE STARCH-REDUCED FOODS & FLOURS

revised and prepared under the supervision of an Authority of the highest standing in the Medical Profession, are now advertised regularly in "Punch," "Daily Mail" and many other influential publications, so that Pharmacists can stock them with every confidence.

Diet cards, attractive advertising display-matter, booklets, etc., are supplied on request, free, together with the fullest information about Cheltine products. Please write

**Cheltine Foods Co., 13 Chester Walk
CHELTENHAM SPA, ENG.**

SELL BRITISH! HARROGATE SPA SPARKLING TABLE WATER

Bottled and Aerated for the Corporation of Harrogate from one of Harrogate's 88 Springs by
CAMWAL LTD.

AQUAPERIA The British Medicinal
Aperient Water
Bottled by CAMWAL LTD.

CAMWAL Ltd. Factories at: London, Manchester,
Birmingham Bristol, Harrogate.
WEST END OFFICES: 123 Pall Mall, S.W.1

The ORIGINAL AND ONLY
IODINE

Original Type—
still in considerable
demand.

1 doz. 4/6 per doz., 6 doz. 4/3 per doz.,
12 doz. 4/- per doz. Carriage paid on 6 doz.

When Pen Iodine or Pen Brand Iodine is asked for, the product of Clay & Abraham Ltd., sold under their registered trade mark "Pen" Brand, should be supplied. Contained in neat nickel-plated screw-topped tubes which fit handily into the pocket or handbag. Packed in attractive boxes of one dozen each.

BRAND
REGISTERED TRADE MARK
Same model for Mosquito
Bite Application Pen.
Built on the fountain pen
principle, in Ebonite.
Trade prices of the original
"PEN" series
(Iodine, Mosquito, Styp-
tic, Corn and Chilblain):

Refillable
Type
All
British.

EPHEDROL

REGD.



Simply insert the nozzle
in the nostril, throw the
head back and "sniff."

Prices:

Stamped—
3/- RETAIL, 25/- per doz.
3 dozen - 24/- per doz.
Unstamped—
3/- RETAIL, 20/- per doz.
3 dozen - 19/- per doz.

Bonus of 1 to every doz. Carriage paid on 3 doz. with 3 bonus. Good Showcards.

Nothing else
like it for
**HAY
FEVER**

Better than a Spray
Leading Laryngologists
have endorsed 'Ephedrol'
(in its patent nasal bottle)
as better, cleaner and
more effective than atom-
iser, spray or douche. It
can be recommended to
your clientele with confi-
dence in its effectiveness.



CLAY and ABRAHAM Ltd.
Manufacturing Chemists, Liverpool!

Agents: THOMAS & LINTON LTD., 5 Whitehorse
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FIFTEENTH YEAR OF PUBLICATION

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YEAST PACKED
WITH EACH TIN



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EXTRA
DISCOUNTS!**

**YOUR CUSTOMERS
can easily make**

PURE BEER

AT HOME

(The "Daily Express" says so)

FOR **1^D** PER **ALE OR**
PINT: STOUT
FROM

VIGGORMALT

**THE PURE
TRIPLE - STRENGTH EXTRACT OF
RICH MALT & HOPS ONLY**

(NOTE THAT WORD "ONLY")

NO SUGAR OR OTHER ADULTERANT IS
ADDED TO MAKE BULK AND CHEAPEN COST

YEAST
SUPPLIED FREE
WITH EACH TIN

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BOILING OR
FILTERING

Simply Add Cold Water

WHY IT PAYS YOU TO STOCK VIGGORMALT

1. BECAUSE it is the only preparation for the making of pure Beer upon which you can stake your reputation.
2. BECAUSE you can recommend it with the knowledge that it contains no substitutes for Malt and Hops, but only the real thing.
3. BECAUSE greater sales have decreased overheads per unit, enabling us to offer liberal extra discounts to the dealer!

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Sole Manufacturers:

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May we have the pleasure of
sending you particulars of our
Window Display Scheme?



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LIMITED

NOTTINGHAM



ENGLISH DRIED MILK

*Enquiries
are solicited for the
following:—*

Full Cream "Dorsella" Dried Milk
Half Cream
Separated "Paragon"
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Kencream for Puppies
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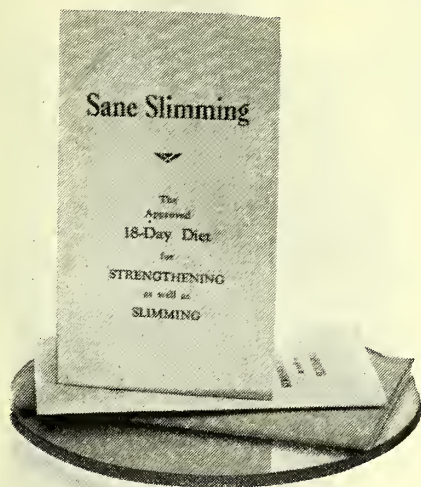
SUPPLIED IN BULK, TINS OR CARTONS

Quotations and samples on request

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MOTCOMBE, SHAFTESBURY, DORSET

'Phone No. : Shaftesbury 4

Here is an excellent method of Getting Customers into your Pharmacy



Display these Folders on weight reduction in your Establishment. They contain, in addition to an approved dietscheme, A DAILY WEIGHT RECORD CHART, so that all who are interested in healthy slimming are induced to visit you daily to test their weight.

SEND FOR A SUPPLY TODAY

The Diet is a modified form of that known as the Hollywood Diet, but the inclusion of ENERGEN BREAD removes objection, and is approved by the Medical Profession.

Your sales of Energen Products will increase.

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Physical Energy after the famous statue by G. Watts, R.S.

Nature's Cure is the best



Fresh evidence is constantly forthcoming that the synthetic vitamin products which purport to take the place of the natural vitamins of Cod Liver Oil are not only inferior but may even be injurious in their action.

It has, in fact, proved impossible to manufacture any effective substitute for Cod Liver Oil, nature's own medicine, which is so rich in the valuable vitamins A and D in the right mutual proportions.

Every barrel of the world-famed Norwegian Cod Liver Oil is exported under the supervision of the Norwegian State.

A TEASPOONFUL OF
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ALL THE BUTTER AND
MILK ANY INDIVIDUAL
CAN EAT AND
DRINK IN A DAY



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The public is asking
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CLINICAL
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public knows.*

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ATTRACTIVELY PACKED
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CONTAINING 6 PLASTERS
OBTAINABLE FROM YOUR
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IMPROVED MODEL

WITH POURING LIP, ALUMINIUM
CUP with HANDLE, CORRUGATED
CANISTER in attractive colours.

No. 3—

½ pt. Fixed Selling	1/11.	Net Trade	17/- doz.
1 „ „ „	1/11.	„ „	17/- „
2 „ „ „	3/11.	„ „	35/- „

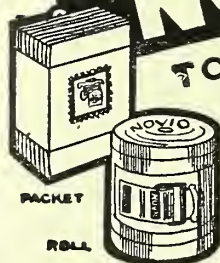
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TOILET PAPER



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our press advertising,
and are again featuring
the special sample offer
which has won so many
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Look to your stocks
now—there is good
business waiting. Send
a card for trade terms
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Paper Co., 26 Grove
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See the Lancet's opinion, 27 July 1907

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WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

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LIQUID PARAFFINCOLOURLESS, TASTELESS, ODOURLESS.
ALL SPECIFIC GRAVITIES.

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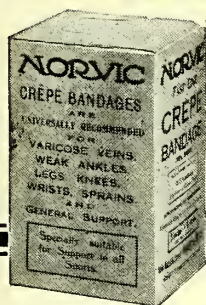
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BLUE CARTON
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	2"	2½"	3"	3½"	4"
Cost	12/-	15/3	18/3	21/3	24/3 doz.
Sell	1/6	1/11	2/3	2/8	3/- each



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The "ORIGINAL" and Most Popular

The "K." All wool in knitted cover, very soft

The "CELTEX." Made of Cellulose for easy disposal.

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SAFE SOLID
FUEL

In Packets:

10 bars	-	6d.
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100 "	-	4/-

"META" Appliances from 6d. to 6/3**Stock genuine "META" Appliances!****K-D AIR Desiccator!**The new quick-selling line that
DETECTS AND CORRECTS DAMP

Our Selling Slogan is:

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everything you own"**Full Particulars, Literature, Display
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from Sole Distributors:**ELMESAN (London) LTD.**

66 Victoria St., London, S.W. 1

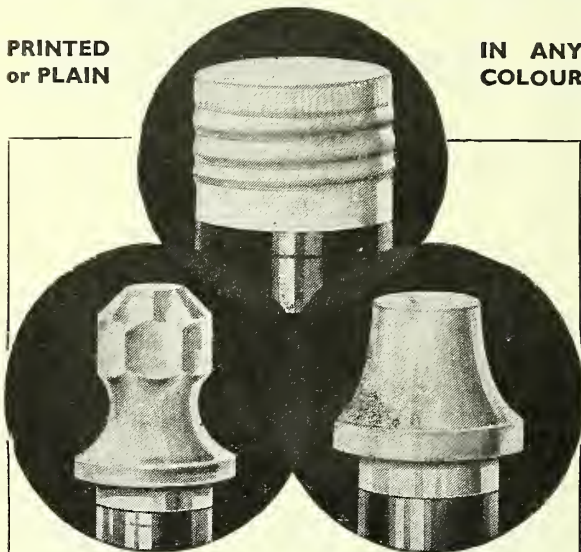
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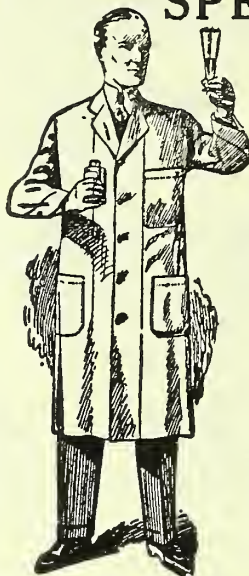
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1 minute from ALDGATE STATION.



There is no shadow of doubt about the Supreme excellence of the "Town Talk" Impregnated Silver Plate Cloth.

WOLLEY, Sons & Co., Ltd. USED by Silversmiths to preserve the beauty of their own wares, it is SOLD by the leading hardware Stores in the country and is ASKED for by housewives everywhere.

AYRTON, SAUNDERS & Co., Ltd. It has no rival for cleaning Gold, Silver and Electro Plate and is advertised continuously in the National Daily Newspapers and Women's Journals.

BROOKS & WARBURTON, Ltd. Stockists don't have to SELL "Town Talk" — they are asked for it.

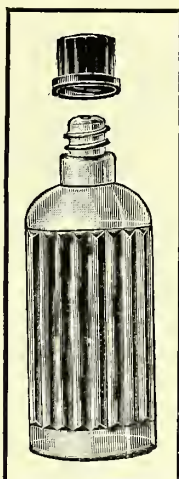
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WHITE
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with
DROPPER
NECK
fitted with
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A LOW
PRICED
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$\frac{1}{2}$ oz. 18/- Gross
1 oz. 21/6 Gross

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Special Prices to Wholesale
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WAGNER'S DRY BOTTLE CAPS
BEST IN QUALITY & APPEARANCE



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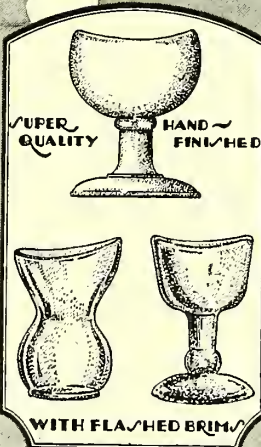
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Clear Glass
Achromic Green
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Packed in ~
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Write for full particulars—

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BATTLE'S VERMIN KILLER

Of all Patent Medicine
Houses at 3/-, 5/-
and 9/- per dozen.

In packets at 5d.,
9d. and 1/3 each.
(P.A.T.A.)

The sure destructive agent which may be
confidently recommended by Chemists for
quick clearance of rats and mice.
(Users' testimonials on request.)

Prepared only by
J. C. M. BATTLE, Ph.C., LINCOLN

DOWN FLY FLIES

It's the small line with the huge sales, this Wasp Flyband. It takes up no room on your shelves and it lasts indefinitely—no dead stock left on your hands. It is the surest, quickest, cleanest fly-catcher and customers are always satisfied. **Stock up now.** Wasp Flyband will make good profits for you.

WASP FLYBAND

-UP FLY PROFITS

Manufactured by F. W. Hampshire & Co., Ltd., Sunnydale, Derby

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Kills RATS and MICE

Remember that to destroy Rats and
Mice with Rodine is profitable both
for the User and the Chemist



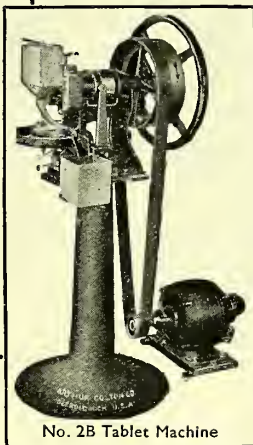
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AND MAKE A WINDOW SHOW

THOMAS HARLEY, LIMITED,
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COLTON

PHARMACEUTICAL
MACHINERY

PILL MACHINES
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GELATINE COATERS
GRANULATORS
POLISHING PANS
SUPPOSITORY MOULDS
TRITURATE MACHINES
PASTE MIXERS
TUBE FILLERS
TUBE CLOSERS
CLIP FASTENERS
NICKELOID CLIPS, ETC.



No. 2B Tablet Machine

• Write
for
Catalogue

Tablet Machines

Colton Tablet Machines possess all the good qualities growing out of many years of experience in this field. A range is available that will produce every size of tablet from $\frac{1}{8}$ to 3 inches diameter, in outputs varying from 100 to 1,500 per minute.

Clipless Closure

A new method of sealing collapsible tubes, eliminating the use of the metal clip and giving greater security to the contents with a more decorative appearance to the finished tube.

GRIFFIN AND TATLOCK · LTD ·

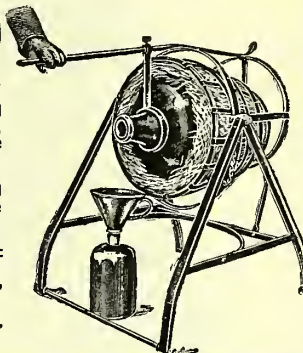
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CARBOY STAND
AND TILTER.

For drawing off small quantities of acids, etc., from Carboys, with ease and safety.

The Carboy can be tipped to any position with one hand.

R. & H. LEIGH & SONS,
LIMITED,
Carboy Hamper Manufacturers,
BOLTON.

SPECIAL OFFER OF
UPRIGHT SHOWCASES

No. C.D.F. 4422

Very useful upright Showcase
5' 9" high × 20" wide × 20" deep,
Glazed $\frac{1}{4}$ " Drawn Plate Glass.
Interior fitted 2 adjustable
glass shelves.
Oak or Mahogany frames.

£9.5.0 each

Send for our New Catalogue No. C.D. 1400
of Showcases.

DUDLEY & COMPANY Ltd.
451 Holloway Rd., London, N.7

City Showrooms: 65/66 Fove Street, E.C.

Small
TABLET
MACHINE

Capacity 60 to 80
Tablets per minute

Working on "rack and
pinion" principle.

Absolute simplicity
and smooth working.

Adjustable screw for
pressure.

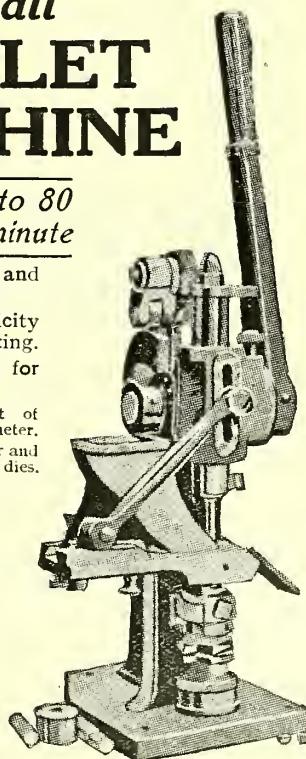
Any size or weight of
Tablet up to $\frac{1}{2}$ in. diameter.
Complete with spanner and
one set of punches and dies.

£7 : 15 : 0

J. W. PINDAR
& CO.

Druggist's Engineers,
Pill Machine
Manufacturers.

Endwell Road,
Brockley,
London, S.E.4.



BRING IN THE CUSTOMERS ...

with these NEW Display pieces!

THIS Year's Selo and Selo-chrome displays are so attractively designed that passers by cannot fail to be impressed by their message. These magnificently coloured sales helps, coupled with a wider and more intensive advertising campaign, will make 1933 a record breaking year for Selo and Selo-chrome dealers.

SELO

and

SELOCHROME

for 1933!

By prominently displaying Selo showcards in your windows you link your shop up with the Selo advertising campaign—and thus make Selo advertising your advertising.

ILFORD LIMITED
ILFORD, LONDON





ASPIRGRAN

ACETYL SALICYLIC ACID B.P.

For the Tablet Maker

It suits your tablet machine

It suits your customer

We give all possible guarantees but
we should like you to **see it and
test it for yourself**

*A sample of Aspirgran will be sent
to any maker of Aspirin Tablets*

MONSANTO CHEMICAL WORKS LTD

Works :
RUABON
and
SUNDERLAND.

VICTORIA STATION HOUSE, VICTORIA STREET,
LONDON, S.W.1

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Lines of Merit and Profit

KURBOIL TABLETS brand



Practical trials prove that Kurboil Tablets definitely relieve skin eruptions and prevent their re-occurrence. This simple treatment consists of a compound Tin Tablet which promotes a healthy condition of the skin and reduces eruptions of long standing.

Tubes of 50 cartoned.

Retail 1/3
7/6 per dozen.

CHELSEA PENSIONERS

This well known formula is now obtainable in compressed tablet form. The carton is printed in black and red, showcard as illustrated to match.

2 oz. retail 7½d.

Cartons 4/3 per dozen.

6 dozen at 4/-

A splendid rheumatic remedy for every pharmacy. (Name and address imprinted.)



Full
Show
Material

STOMACH TABLETS

Based on the
Maclean Powder
Formula

This popular tablet has been packed in a novel carton which "tells the story" in a direct and simple manner. A photograph is imprinted on the back of the carton, as illustrated. In this manner extremely striking window shows can be made.

2 oz. retail 7½d.
Cartons 4/3 dozen.

**MACLEAN
STOMACH POWDER**
Small oval Jars

7/6 dozen.

Large oval Jars

12/- dozen.

Aluminium screw

caps.

Ask for details of our

Bonus Offer.



GRAPE FRUITOIDS

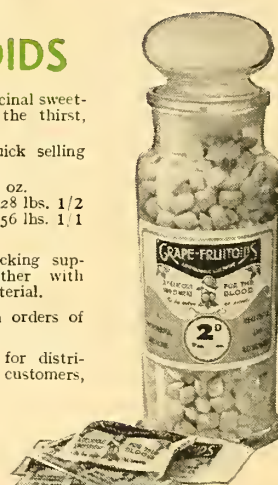
A refreshing medicinal sweetmeat; quenches the thirst, cools the blood.
A remarkably quick selling line.

Retail 2d. oz.
7 lbs. 1/4 28 lbs. 1/2
14 lbs. 1/3 56 lbs. 1/1
112 lbs. 1/-

Envelopes for packing supplied free together with Window Show material.

Display Jar with orders of 14 lbs. and over.

50 free samples for distribution to your customers, per 7 lbs.



Arthur H. Cox & Co. Ltd.

MANUFACTURING CHEMISTS.

BRIGHTON



The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

JUNE 3,
1933

28 ESSEX STREET, LONDON, W.C.2

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for **DISPOSAL, PREMISES TO LET** and for **SALE, PREMISES WANTED, PARTNERSHIPS, GOODS** for **SALE** and **AGENCIES**—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

SITUATIONS OPEN—6/- for 40 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

SITUATIONS WANTED—2/- for 18 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, 1/3 per nonpareil line (12 lines = 1 inch single column). (Box No., 1/- extra.)

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EXCHANGE COLUMN (for Retailers, etc.)—Twopence per word, minimum 2/- (Box No., 1/- extra.)

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2

Telephone: Central 6565 (8 lines).

Telegrams: "Chemicus, Estrand, London."

CLOSING FOR PRESS.

must reach us
not later than

FIRST POST THURSDAY MORNING

All advertisements intended for
insertion in this Supplement

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone No.: CITY 2283

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—STREATHAM (near).—Main road Cash Retail Business; returns last year, under management, £2,751; gross profit £1,037; double-fronted shop, well fitted and heavily stocked; sublets cover rent entirely; long lease; terms, valuation of stock and fixtures, plus an agreed sum for goodwill.

2.—CITY BUSINESS.—Cash Retail Business with good sale for own Proprietaries; established about 160 years; returns £1,750 per annum approximately; gross profit 43 per cent.; handsomely fitted shop, fully stocked; rent £200 per annum inclusive of rates; price £1,100, or near offer.

3.—SOUTH KENSINGTON.—Good-class Cash Retail and Dispensing Business with Kodak Agency; returns exceed £2,100 per annum; net profit approximately £550; modern front; attractive oak fixtures and good working stock; flats over sublet to cover entire rental; lease 18 years unexpired; price £1,625.

4.—EDMONTON (near).—Working-class Cash Retail Business with Kodak Agency; returns £1,200 per annum; gross profit £527; double-fronted shop, nicely fitted and fully stocked; good living accommodation with bathroom and private entrance; rent £80 per annum; long lease; price all at £500 or near offer.

5.—PICCADILLY (Death Vacancy).—High-class Cash Retail Business; established 22 years; returns last year £3,350 approximately; gross profit £1,356; run under management; single-fronted shop, nicely fitted and amply stocked; rent £300; lease 14 years unexpired; offers invited.

6.—KENT SUBURB.—Light Cash Retail Business; returns approximately £1,230 last year; net profit £300; large shop nicely fitted and fully stocked; good living accommodation, with bathroom; price £900, or £200 plus valuation of stock and fixtures.

7.—SURREY SUBURB.—Cash Retail Business with Kodak Agency; returns last year £1,380; this year shows an increase; double-fronted corner shop fitted in mahogany and fully stocked; modern house comprises 5 rooms, bathroom, garden and shed; rent £80 per annum; new lease; property can be purchased for £825 if so desired; price £700 or £450 plus stock at valuation.

8.—MIDLAND CITY (Main Road).—Good Middle-class Cash Retail Business, with Kodak Agency; increasing turnover, last year being

£2,106; gross profit £734; net profit £510; chartered accountant's figures; double-fronted shop, nicely fitted and very well stocked; net rent £35 per annum; held on lease; valuation terms entertained; genuine reason for disposal.

9.—LEEDS.—Good Working-class Retail Business, with large N.H.I. and Optical connection; returns about £40 per week; rent 16s. per week; premises situate in main street; good opportunity for increase; further details on application.

10.—NORTH LINCOLNSHIRE.—Country Retail Business, with Agricultural connection and Kodak Agency; established over 30 years; increasing turnover, last year being £1,500; single-fronted shop, well fitted and heavily stocked; good living accommodation; garden, with flowers and fruit trees; rent £47 per annum; valuation terms entertained.

11.—DURHAM.—An opportunity occurs for a young Chemist to purchase half share of a business making approximately £500-£600 per annum under the management of the present proprietor, who is 78 years old; view to succession; capital required approximately £500.

12.—BOSCOMBE (near).—General Retail Business, with Kodak, Rexall and Ucal Agencies; returns for year just ended £2,339, which shows an increase of nearly £200 over previous year; large double-fronted shop, situate in prominent position; good living accommodation; property can be purchased or rented for £150 per annum; further details on application.

13.—NORTH RIDING.—Medium-class Business; established 26 years; returns last year £1,432, with gross profit £484 and net £310; rent £90; held on lease; living accommodation; price £500; further details on application.

14.—WILTSHIRE.—Family Retail Business, with small Optical connection and Kodak Agency; returns last year £2,130; audited accounts; gross profit £700; net profit £450; single-fronted lock-up shop, nicely fitted and fully stocked; nine-roomed house available, 3 minutes' walk from shop; nice garden; rent of shop £50 per annum; held on lease, with option to purchase property; price £1,475.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

B E R D O E & C O R I S H
41 ARCYLE SQ. KING'S CROSS, W.C.1
 ONE MINUTE FROM KING'S CROSS AND ST. PANCRAS STATIONS.
 Chemists, Vendors and Auctioneers
 PHONE TERMINUS 3574 ESTABLISHED 1870

1.—HOME COUNTY.—Good Middle-class Cash Business, in good position; returns over £1,500, showing steady increase; net profit £420; books audited; rent £60, long lease; attractive modern Pharmacy, fully stocked; price £1,200 cash, or valuation terms arranged.

2.—HANTS.—Cash Drug and Photographic Store; returning under manager £817; excellent profits; fine chance for qualified proprietor; central position, nice town; low rent; price £500.

3.—MIDLANDS.—Working-class Cash Retail; returns over £1,000, increasing; modern attractive shop with house attached; stock and fixtures worth £300; price £450 or near offer.

4.—EAST COAST.—Sound Cash Business, in good position; returns about £800, scope for increase; good house and double-fronted shop; own property; lease granted; price £255 cash lowest.

5.—LONDON, S.W.—Good-class Family Retail, with sub-Post Office attached, in centre of densely populated residential area; easily worked; returns average £2,000; net profit £430; flat over; excellent stock; price £1,300 or near offer.

6.—NORTH LONDON.—Good Working-class Cash Business; N.H.I. £180 a year; returns last year £1,220, under manager; scope for increase; double-fronted shop with house attached; long lease; price £500.

7.—NOTTS (Death vacancy).—Busy Middle-class Cash Business in same hands many years; returns last year £1,329; good profits; books audited; low rent; spacious shop with living accommodation; price £850.

8.—READING (near).—Light Country Retail, pleasantly situated; returns over £900 last year; modern shop and house with large garden; one other chemist; price valuation, about £500.

9.—SOUTH COAST.—Good-class Dispensing and Photographic Business, pleasantly situated on sea front; returns average £1,200; no immediate opposition; nice house and garden; own freehold for sale with Business; £1,000 mortgage arranged on freehold.

10.—HARROW.—Good-class Business; present returns about £1,600; neglected through illness and death of owner; plenty of scope; handsome Pharmacy, with good house; price for early sale £1,050 or first reasonable offer.

11.—LONDON (West End).—Good-class Business, recently established; present returns about £18 weekly, will do double; gross profits 40 per cent.; corner shop; close to hotels and clubs; price £500, and stock at valuation.

12.—SURREY (Suburb).—Light Cash Retail, with good Photographic trade and N.H.I., in centre of large estate; returns nearly £1,550, net profit £395; house attached; large well-fitted shop; good stock; offers invited.

BUSINESSES WANTED.

We have a large number of genuine cash buyers seeking sound concerns from £700 up to £4,000, and invite correspondence from intending vendors, as we are able to effect quick sales with the utmost privacy. We also require three or four good class businesses returning from £4,000 to £10,000 a year, private clients waiting with cash available, and prepared to take over immediately.

WRITE FOR OUR SPECIAL LOW STOCKTAKING TERMS.

Ernest J. George

Bank Chambers, 329 High Holborn, London, W.C.1

Telephone Nos.: Holborn 1167 & 1278 (2 lines)

Tudor House, Walsall

Telephone: Walsall 3774

Telegrams: "Earnest, Walsall"

A private client with capital up to £10,000, wishes to purchase immediately, a business, preferably situated in the Midlands or South, showing returns not less than £4,000 per annum. Chemists prepared to negotiate are invited to communicate privately, under guaranteed assurance of confidence.

Confidential bona-fide enquiries are invited regarding the following businesses for disposal.

(C1) SOUTHERN COUNTY.—Established retail business with modern front, etc., and small house above; average turnover for past three years approximately £3,000 per annum; returns for last financial year, under management, upwards of £2,600; large N.H.I. panel; rent £125 on lease, or property could be purchased.

(C2) BOURNEMOUTH.—Good-class pharmacy, excellently positioned, and offering abundant scope for further increase; turnover for last financial year upwards of £1,700, being an increase of nearly £200 over the previous year's figures.

(C3) KENT (NEAR LONDON).—Good class modern pharmacy, with self-contained flat, available for early negotiation; present returns upwards of £30 weekly, plus income from sub-Post Office recently installed; pleasant and congenial situation; excellent scope for increase; reasonable purchase price; property can be acquired or lease will be granted.

(C4) SUFFOLK COAST.—Unopposed business with living accommodation for disposal, together with freehold property at a very low figure, as a quick sale is desired owing to domestic circumstances; returns approximately £1,200 per annum, with genuine scope for increase; net profits for last financial year approximately £350; pharmacists with capital upwards of £900 would be in a position to negotiate after allowing for the usual mortgage that could be raised on the property.

(C5) SOUTH COAST (HOLIDAY RESORT).—Established retail business with living accommodation, for disposal owing to continued illness of proprietor; average returns for past two years approximately £20 weekly, but these figures should be capable of considerable increase; property (freehold) can be purchased, or leased at £78 per annum; no near opposition; price, all-in, £500.

(C6) ROMFORD (Near).—Lock-up pharmacy in congenial district; turnover approximately £1,700 per annum; rent £70; reasonable purchase price.

(C7) NORTH CHESHIRE.—Old-established pharmacy with extensive window frontage, together with self-contained house above; rent £75 per annum; wine licence; main road situation; returns approximately £1,350; excellent scope for optics and development generally; price for quick sale £600.

(C8) LONDON (OUTER WESTERN SUBURB).—Old-established pharmacy, situated in busy main shopping thoroughfare; average returns approximately £2,400 per annum, with high percentage gross profits, mainly due to the sale of proprietary lines, etc., the demand for which is considerable, and steadily increasing; good living accommodation; reason for disposal, owing to retirement.

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED
 (Business Agency, Transfer & Valuation Department)
 KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS,
 Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL
PARKIN S. BOOTH, Valuer. Tels.: CITY 1261-2-3-4
VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.
Enquiries Invited.

JOHN BRIERLEY, F.N.A.A.
CHEMISTS' VALUER AND TRANSFER AGENT
135 Queen Street, Newton Heath, MANCHESTER

GLAMORGAN.—Returns £1,710 p.a., low rent, lease, house, £700.
MANCHESTER (Suburb).—Returns £1,800 p.a., lease, house, £1,200.
COVENTRY.—Returns £1,000 p.a., low rent, lease, house, £400.
 Others, **DURHAM, BIRMINGHAM, BOLTON, etc.**
 Genuine buyers, write me (I specialise). (Tel. Failsforth 1913.)

BUSINESSES FOR DISPOSAL.

BEXHILL-ON-SEA.—Branch Business for sale; small turnover, which could be considerably increased under personal supervision; suit young qualified man; price asked, stock and fixtures, about £200. Further particulars 438/13, Office of this Paper.

HARROW ROAD, W.9.—Cash Chemist's Business for Sale; 11 years' lease at £85 per annum; executors' sale; freehold would be sold, including business; stock at valuation. Full particulars, Sole Agents, Wm. Clarkson & Partners, 2/3 Philpot Lane, Fenchurch Street, E.C.3. Royal 5192.

KENT SEASIDE.—High-class Business, situated on the front; good maisonette over; side entrance; net profit £350; large healthy stock, elegantly fitted; no agents; price by agreement. 435/27, Office of this Paper.

LANCASHIRE.—Beautifully-fitted Chemist Business in main street of prosperous Lancashire town; good lease at £150 per annum; stock £1,200; accountant's figures supplied; cash required £2,700; banker's references required; family sickness makes it necessary to move South. 435/19, Office of this Paper.

LONDON, N.—Family Business; N.H.I. average 500 month; Photographic; turnover £1,400; £400; stock at valuation, about £450. 437/20, Office of this Paper.

SOUTH-WEST ENGLAND.—Old-established Business in seaside town; well situated in thickly populated district; present returns about £1,000 at good profits; N.H.I. 250 monthly; stock, fixtures and goodwill £750, part of which could remain to be paid off by instalments; the business has been run by managers for trustees, and offers a splendid opportunity for keen young man; Optical qualification an advantage; to whom lease would be granted at £78 per annum inclusive. 438/31, Office of this Paper.

YORKSHIRE.—Business for sale; new district; houses continue building; no opposition; owner doubled returns in 9 months, now £26 per week; wine licence just acquired; Photographic Agencies; fittings modern, smart; only wants seeing; house and garden; price £700, goodwill and fixtures; stock at valuation; banker's reference. 456/28, Office of this Paper.

CHEMIST-OPTICIAN; Sussex coast; double-fronted, old-established; good house; approximate returns average 3 years £2,600 under management; Kodak and Rexall Agencies; valuable Optical connection; lease, 8 years at £100 per annum; property can be purchased; price for business £2,500; further particulars at interview only and on receipt of bank reference. 436/24, Office of this Paper.

DRUG STORE.—Excellent position facing station; present hands 14 years; buyer can take up 21 years' lease. Further particulars Putty, 2 Staplehurst Road, Lewisham, S.E.13.

FOR SALE, near Blackpool, in pleasant growing district, with all-the-year-round trade; opposite railway station; wine licence and Kodak Agency; Optician badly needed; valid reasons for selling. Full particulars to prospective buyer. 435/28, Office of this Paper.

FOR SALE, South Coast, Chemist's Shop, £250, stock at valuation. Write Box 729, Dorland, 14 Regent Street, S.W.1.

PHARMACY; well fitted and stocked; pleasant London, S.E. suburb; modern shop, plate glass frontage 19 feet; convenient house; portable garage if required; shopping centre; no opposition or likelihood of same; large residential population; rapidly-growing district, offering excellent scope; established 18 months; to be sold outright for family reasons; price £220; stock (optional) at valuation; mortgage can be transferred. Full particulars from 436/35, Office of this Paper.

£105 ALL-IN (BUCKS).—Drug Store (lock-up), badly neglected owing to breakdown in health; no near opposition; rent and rates £43 per annum; stock, approximately £75, included in offer. 222/929, Office of this Paper.

S. F. CLARK, F.N.A.A. 'Phone 1 Prospect 3366
CHEMISTS' VALUER & TRANSFER AGENT
34 Marksbury Avenue, Richmond, Surrey

Middlesex.—Main road position in good locality, turnover £1,500 p.a. (increasing). Rent £135. Sublet £78. Accommodation optional. Stock and Fixtures (approx.) £500. Price £1,200 or valuation terms entertained.
S.E.—Small business in working-class district, doing £15 per week. Three doctors adjacent. Rent 40/- per week, sublet 10/- per week. At present under management. Long lease. Opportunity for young chemist. Price £350, a.a.

BUSINESSES WANTED.

SOUTH COAST, Brighton preferred; genuine Retail Business showing a good income; capital available up to £4,000; smaller business entertained; purchaser just returned from abroad. Apply Orridge & Co., 56 Ludgate Hill, E.C.4.

GOOD-CLASS Business required for cash in North-Western District, or would entertain working interest in Manufacturing Concern or Wholesale in London district. 436/29, Office of this Paper.

GOOD-CLASS Dispensing Business required; net profit at least £1,000 per annum; good price will be paid; congenial surroundings; South or Midlands preferred, but North not objected to. Apply Orridge & Co., 56, Ludgate Hill, E.C.4.

HIGH-CLASS Chemist's Business (with wine licence if possible) required by Private Chemist; returns £3,000 upwards per annum; strictly confidential. Reply with full particulars to 438/5, Office of this Paper.

SOUND, reliable Cash Business required by Private Chemist; Scotland preferred; returning at least £40 per week, or would entertain partnership with view to early succession; capital available. 439/5, Office of this Paper.

TWO or three High-Class Dispensing Businesses required, situated in London, the Home Counties or the South Coast, with a turnover of not less than £4,000 to £5,000; advertisers are willing to complete quickly and privately; bankers', solicitors' and accountants' references to be exchanged. Apply 221/924, Office of this Paper.

PREMISES TO LET.

BLACKPOOL.—Double-fronted shop and house now empty; 6 years Chemist; main shopping street; well situated for residents and visitors; good living accommodation. Also good corner shop in view of Promenade, with house and separate house entrance. Owner, 189 Church Street, Blackpool.

ROMFORD.—Splendid opening for Chemist; new corner parade; shops and flats; top of South Street; nearing completion; facing multiple shops; 4 shops to let to multiple tenants.—Plans, &c., Vickers & Stanley, 47/8 Berners Street, W.1.

WEST LONDON.—Main road position, close to West Ealing; Shop and Upper Part, with modern front, to let, without premium; rent £170 per annum. Apply Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Telephone: Mayfair 7666.

LARGE Shop and Parlour to Let; suitable for Chemist or similar business; situated in busy main road; reasonable rent; available to view any time. Apply Mr. J. Weiser, 181 Commercial Road, E.1.

TENDERS INVITED.

THE DIRECTOR-GENERAL, India Store Department, Belvedere Road, Lambeth, London, S.E.1, invites tenders for:—

Schedule 1.—10,553 dozen Bottles, green, amber and blue, of various sizes.

Schedule 2.—9,340 lbs. Chloroform B.P.

Schedule 3.—42 lbs. Cocaine Hydrochlor, &c.

Schedule 4.—21,700 gallons Cresol Saponified.

Schedule 5.—Tablets: Hypodermic, Medicinal and Disinfectant.

Schedule 6.—Iodum and Iodoformum B.P.

Schedule 7.—17,110 lbs. Lint, plain.

Samples required with tender for Schedules 1, 4 and 7.

Tenders due June 20, 1933.

Forms of tender obtainable from the above at a fee (which will not be returned) of 5s.

SALES BY AUCTION.

PORTSMOUTH (220 Commercial Road).—In best section of this busy shopping thoroughfare among multiple companies; freehold shop and basement and upper part of 2 floors; frontage 16 feet, depth 76 feet; vacant possession; very suitable for Chemist. By Auction by Order of Trustees on June 20 next. Joint Auctioneers, Hillier, Parker, May & Rowden, 27 Maddox Street, London, W.1, and Collett & Collett, 8 Elm Grove, Southsea, Portsmouth.

SHORT NOTICE OF SALE.

35 and 36 OXFORD STREET,
HIGH WYCOMBE.

THE STOCK, FIXTURES AND UTENSILS
of a

CHEMIST AND DRUGGIST

Will be Sold by Auction by Mr.

HAROLD J. NUTT, F.A.I.,

on the premises, on WEDNESDAY, JUNE 7, 1933,
at 2 p.m. precisely.

Lots on View Morning of Sale.

Catalogues of the Auctioneer at his offices, 24 High Street, High Wycombe (Tel. 388) and at Gerrards Cross and Beaconsfield.

Removed from Fenchurch Street for Convenience of Sale.
SALE ROOMS, 5 LITTLE BRITAIN (close to G.P.O.),
LONDON, E.C.1.

Practically new range of CHEMIST'S SHOP FITTINGS, 10 ft. Drug Run, Wall Showcases, Glass-fronted and other Counters, Silent Salesmen, Mirrors, Cash Tills, Office Furniture, Typewriters, Chairs, &c.

B. NORMAN & SON

Will Sell by Auction, as above,

THURSDAY NEXT, at 1 o'clock.

View day prior.

Catalogues on application.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

EASTBOURNE.—Wanted, early July, Qualified Male Assistant (under 30); good-class general experience, quick and willing worker; undeniable references. Age, height, salary and usual particulars to Andrews, Chemists, Eastbourne.

LONDON (West Suburb); Qualified Assistant; young man required at once. Write, giving details of age, experience, salary required, &c., to 437/26, Office of this Paper.

LONDON.—Qualified Chemist required for Retail Chemists in the London area; applicants must be careful Dispensers; state age, wages required and when available for engagement. 222/930, Office of this Paper.

LONDON, S.W..—Qualified Locum to manage, June 19 to July 1. 436/36, Office of this Paper.

LONDON, W.5.—Young Lady Assistant required at once for a quick cash business; must have a comprehensive knowledge of Toilet Goods. Apply, giving full particulars in first instance, 439/9, Office of this Paper.

NEWQUAY.—Smart Qualified Man for the season; Dispensing and Counter, knowledge of Toilet Goods, Perfumery and Photographics; send full particulars, salary required, copies of references and snap. Raymond Smith, 2 Cliff Road, Newquay, Cornwall.

NOTTINGHAM.—Qualified Man wanted for small branch in working-class district; no Optical or Photographic work; please state recent experience, age, salary required (very moderate essential at commencement, but rising on results), and when disengaged. Southern, 87 Wilford Road, Nottingham.

SOUTH KENSINGTON.—Qualified Assistant (25-30); must be thoroughly capable and accustomed to good-class business; apply by letter, giving references, height and salary required. Applications not answered within 7 days respectfully declined. P. Bolton (W.B. Falding), 5 Sussex Place, South Kensington, S.W.7.

STAFFORDSHIRE.—Qualified Locum required from June 11 to 24, inclusive. Replies must state age and salary required (to live out), enclosing photograph if possible. 222/927, Office of this Paper.

BRANCH Manager, Qualified, accustomed to brisk Retail and Dispensing, with Photographics; thoroughly trustworthy; permanency if suitable and desired; please state in first letter and in confidence full details of previous experience, age, height, married or single, salary required and when disengaged; references must bear strictest investigation. Apply, with photo (returnable), to "Progress," 438/16, Office of this Paper.

CHEMIST-OPTICIAN required after June 17 for three months, may be made a permanency; East Coast resort; must be young, active and an abstainer; give usual particulars, including salary required, with application. 438/20, Office of this Paper.

DISPENSER.—Experienced Qualified Dispenser required from July 24 for about six weeks' Holiday Relief. State full particulars, with salary required, T. E. Wilmshurst, Redhill, Surrey.

KEEN Young Qualified Man (not over 30) required immediately for night duty in West End; must be good Salesman, with high-class record. Apply, with references, after 10.30 to Bird & Storey, Ltd., 42 Eastcastle Street, Oxford Circus.

LADY Assistant, Unqualified, required temporarily from June 19 to July 15. Write, stating experience and salary required, Manfield, Limited, 340 Harrow Road, London, W.9.

LADY Dispensers (Hall qualification an advantage) required; applicants must be well up in the chemist's business; energetic and good Saleswomen; good salary and commission. Apply, giving age, full particulars of experience and salary required, to Secretary, Timothy Whites, Chemists, Portsmouth.

LADY, Qualified, good Saleswoman, for light Retail Dispensing business; easy hours; usual particulars as to age, height, salary; photo if possible, to 438/22, Office of this Paper.

LOCUM, Qualified, required in S.W. London from July 8 to July 22, both dates inclusive; send full particulars and salary required; letters not answered in 5 days respectfully declined. 436/17, Office of this Paper.

LOCUM, Qualified, required for a fortnight in July, preferably 10 to 22 inclusive; business is in a country town five miles from the sea; lady might suit. Apply with references, stating terms, to 438/8, Office of this Paper.

LOCUM required, June 12 to 16, inclusive; lady or gentleman within easy travelling distance preferred; write or call. Goodall, Chemist, 544 Manchester Road, Bradford.

LOCUM, Unqualified, for period July 3 to 15, inclusive. Also Young Qualified, July 17 to 29. Or will consider Qualified Locum for whole period; full particulars in first letter. J. E. Booth, Chemist, Farborough Road, North Farnborough, Hants.

LOCUM, young, Qualified; lady preferred; indoors; for fortnight in July or August. Particulars to Ernest F. Bathurst, Pharmaceutical Chemist, Woburn Sands, Bletchley, Bucks.

MANAGER for small branch; Qualified; absolutely honest, energetic; good Dispenser and Prescriber, and conscientious. Apply full particulars and salary required first letter. Jones (Mexborough), Ltd., 38 Station Street, Swinton, Rotherham, Yorks.

MANAGER required for newly-established country branch; permanent and progressive post is offered to an energetic Salesman who can build a connection. Send full particulars. 438/3, Office of this Paper.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

QUALIFIED Assistant (either sex) required at once; must be accurate Dispenser, good Window-dresser and Counter Hand; personal application preferred. Draycotts (Bilston), Ltd., 217 Loughborough Road, Leicester. Telephone 61175.

QUALIFIED Locum in agricultural business for 4 weeks, commencing June 12; abstainer preferred. Apply, giving references and stating salary required (outdoor), to G. M. Perkins, Chemist, Knighton, Radnorshire.

QUALIFIED Manager, at once, for branch in small country mining area; comfortable and permanent situation to suitable man; salary to commence £3 10s. and commission; apply with fullest particulars and photo. Turner, Chemist, 28 George Street, Tamworth, Staffs.

RELIEF Assistant, Unqualified, from July 3 to 15, inclusive; Southend-on-Sea. 435/30, Office of this Paper.

REQUIRED, Qualified Lady, young, experienced and of smart appearance and address; permanency if suitable. Write, giving full details, together with photograph if possible, to S. Kuby, 27 Alexandra Road, Twickenham.

WANTED, a Qualified Assistant; state salary required. Apply W. Bowden, 62 Hill Road, Wimbledon, S.W.

WANTED, Qualified Locum, June 12 to 17. Terms, &c., to A. Green, 4 Rooley Lane, Bankfoot, Bradford, Yorks.

WANTED, Qualified Assistant; only capable and experienced man need apply; used to N.H.I. Dispensing, brisk Counter, Photography essential, good Window-dresser. Apply, stating age, reference, experience, salary required, with photo, to Symonds, 16 Upper Brook Street, Ipswich.

WANTED, Qualified Lady; Counter and Dispensing; 30s., indoors; very comfortable; commission if interest is taken in the business. 436/16, Office of this Paper.

YOUNG, Qualified, for about two months for S.W.20, as locum; dates could be arranged; please give full particulars of experience, &c.; applications not replied to in five days respectfully declined. 438/21, Office of this Paper.

WHOLESALE.

IRISH Firm wants Chemist to take complete charge of Factory about to Manufacture Dog and Cattle Medicines; must have his own formulas and be prepared to work; state experience and salary. 435/40, Office of this Paper.

SOUTH AND S.E. ENGLAND.—Representative, with established connection among Doctors, required; substantial commission; nothing to carry and no interference with other duties. Write confidentially, with full particulars of present position, experience and district covered, P.C.B. 78/4, Office of this Paper.

CHEMIST'S Assistant required; in London Wholesale Druggists. Apply, stating salary required and experience, to Rheum, 221/923, Office of this Paper.

COMMERCIAL Traveller for London and Sub-Agent for Provinces; one who already has a connection in the Chemical Industry preferred; large commission. British Lecithin-Leffermint Co., Ltd., 4 Loudon Wall Buildings, London Wall, E.C.2.

COMMISSION Travellers open to carry a speciality line, well advertised and of long standing and first-class reputation, should write 436/26, Office of this Paper.

INFORMATION required from Practical Works Chemist, with all-round experience; one able to produce special up-to-date formulae. Apply 222/928, Office of this Paper.

LIVE Travellers, with established connections, required to market Branded Lines of Plate Cloths to Wholesale and Retail Chemists and Druggists; generous commission allowed; references required. Send full particulars to Box No. 128, Osborne-Peacock Co., Ltd., 11 Piccadilly, Manchester.

MANAGER or Chemist, experienced in the Manufacture of Fine Chemicals, required. Reply, stating qualifications, &c., 222/931, Office of this Paper.

MANUFACTURERS of Phenol Formaldehyde Synthetic Resins require capable Chemist for development purposes; works experience necessary in addition to academic qualifications. Write fully details, age, salary, experience, Box J564, Willings, 86 Strand, W.C.2.

REPRESENTATIVES required who are already calling on Manufacturing Chemists, Perfumers, &c., to carry additional line; liberal commission terms. Write 436/31, Office of this Paper.

REPRESENTATIVES wanted by an old-established firm of Manufacturing Chemists to carry as a sideline, on a generous commission basis, a speciality with a wide appeal; saleable by Chemists only. 221/925, Office of this Paper.

REPRESENTATIVES required by well-known Perfumery House, on the following territories: (1) London, (2) Yorkshire; only men who have established connections with Chemists, Hairdressers and Stores, and who have represented a firm of repute for at least three years, need apply; good salary, commission and expenses. Write Box 488, Sells Advertising Offices, Fleet Street, E.C.4.

REPRESENTATIVE wanted, for London area, requiring additional Proprietary Line; good commission; supported by sound advertising. Send particulars to Ceritone Company, 12 Gray's Inn Road, London, W.C.1.

REPRESENTATIVES, with established connections amongst Chemists and Hairdressers, wanted to sell a Fast-Moving Summer Linc, which is extensively advertised; those carrying one or two other lines preferred; high commission basis on first and repeat orders; territories vacant: Midlands, South Coast, North-East Coast, Yorks and Home Counties. 221/926, Office of this Paper.

TABLET Maker wanted; experience in machine-made capsule manufacture an advantage. Apply with full particulars, 221/922, Office of this Paper.

TRAVELLERS wanted in every district; only those with established connection who can place well Handrubs and Backrub. Letters only, stating commission required and area covered, to Sales Manager, Redrub, Ltd., Glenham Road, Barnes, S.W.13.

WANTED as Under-Manager of Photographic and Patent Medicine Department, Chemist's Assistant or one who has thorough experience of Photographic and Patent Medicine business, particularly the former. Brook, Parker & Co., Ltd., Ashfield, Horton Road, Bradford.

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A.A.A.—M.P.S., F.B.O.A., F.S.M.C. (26); experienced Manager; West End and Provinces; Dispensing; Square-trained, keen; desires new post; available at short notice; interview. 438/9, Office of this Paper.

A.A.A.—UNQUALIFIED (Referred Part 2) (23), capable, energetic, conscientious; 6 years' experience high-class Dispensing, Counter, Photography; distance no object. Watkins, Highfield, Llangynidr, Crickhowell, S. Wales.

A.A.—ACTIVE, capable Assistant (26); good general knowledge all branches; tall. N. Bimson, 88 Raby Street, Wolverhampton.

A.—QUALIFIED Experienced Manager; disengaged; permanency or locum; London or suburbs; moderate salary. Davies, 109 Alexandra Drive, Surbiton, Surrey.

A.—UNQUALIFIED Dispenser seeks urgent situation; high-class, accurate Dispensing and quick Counter Hand; disengaged; Godalming or Guildford district preferred. 28 Grove Hill Road, Tunbridge Wells.

A. GORDON (24), Qualified, single, requires post season, permanency or locum; disengaged now. 29 Hillbrow Road, Bournemouth.

A QUALIFIED Lady, free June 26 to July 14, August 14 onwards, booking Locums, &c.; excellent references; experienced Hospital and Retail; Manchester area preferred. Mullen, 5 Snowden Road, Eccles, Manchester.

A LL-ROUND, experienced, Unqualified Assistant; well recommended from last situation; capable of supervising staff and assuming charge. 437/24, Office of this Paper.

A S Locum, July 3-15, inclusive; excellent experience and testimonials; anywhere. L., 254 Hendon Way, London, N.W.4.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

A S Locum, Qualified (24); free June 5-17, July 24 onwards; distance no object. Fox, Nottingham Road, Somercotes, Derbyshire.

A S Locum, Manager and Holiday Assistant; 30 years' good experience Counter, Bookkeeper, Dispensing and Worker. "Prescriber," 130 Scott-Ellis Gardens, N.W.8.

A S Manager or Assistant; preferably where opportunity for investment £250; first-class experience West End and seaside; moderate salary, fair interest. Letters "Neon," c/o Turner, 293 Goswell Road, E.C.

A SSISTANT; first-class experience; tall; abstainer; Photography; West End; Hospital; middle age; disengaged; highest references. MacLellan, Wotton-under-Edge, Glos.

A SSISTANT, lady, Qualified, seeks season or locum engagements; fluent French. Miss Gall, 56 Station Road, King's Norton, Birmingham.

A SSISTANT, Qualified (24); 3 years' experience good-class Pharmacy; keen; permanency or locum. Davies, 24 Grantham Road, Stockwell, S.W.9.

A SSISTANT, Unqualified, single; first-class Dispensing experience, &c.; personal interview; free any time. Jones, 8 Kingswood Avenue, Queen's Park, N.W.6.

A SSISTANT (20), 5 ft. 11 in., requires post, July 5 to September 23; experience in D. & P., Window, Counter and Dispensing. M. Kelly, 28 Grosvenor Road, Eastwood, Notts.

A SSISTANT (27); capable, experienced; knowledge French, German, Italian; home or abroad; nominal remuneration; disengaged. 439/3, Office of this Paper.

A SSISTANT (21), Part I, seeks situation until end of September; good experience in Counter, Dispensing and Photography. Shand, "Westview," Budleigh Salterton.

CHEMIST and Optician, fully Qualified, seeks Manager's post (32); 12 years' excellent all-round experience and references. "London," 438/37, Office of this Paper.

CHEMIST-OPTICIAN, M.P.S., F.B.O.A., J.C.Q.O., as Manager or First Assistant; well experienced; complete references; South or West Country preferred; age 24. Chemist, 8 Unwin Road, Penistone, Sheffield.

CHEMIST-OPTICIAN, M.P.S., F.B.O.A., F.S.M.C., J.C.Q.O., desires permanency as Manager or Senior; tall, total abstainer, active, courteous, not married; 20 years' splendid varied experience, including Optics and speedy seaside Photographic Business; excellent references; free soon; age 39; London or adjacent counties preferred. "Reliable," 7 Cliff Terrace, Margate.

DISPENSER (Lady); Hall Certificate; age 29, 13 years' thorough experience in Dispensing and Secretarial work; St. John Ambulance and Nursing Certificates; requires position with Doctor, Hospital or Institution. Miss D. S. Stead, 159 Killinghall Road, Bradford, Yorks.

FREE June 19 to July 22 inclusive, Qualified Registered Locum Manager; London suburb and seaside experience; well recommended; integrity assured; book now. S. S. P., 352 Coldharbour Lane, Brixton, S.W.9.

JUNIOR Assistant (21), Part 1, 5 ft. 10 ins.; 4 years' experience Dispensing, Counter, Window-dressing; requires post London. Marshall, Feering, Kelvedon, Essex.

LADY Dispenser-Bookkeeper, Hall Certificate, experienced, good references, requires locum or permanent post with Doctor, Chemist or Institution, any district. "Dispenser," 39 Barker Road, Middlesbrough, Yorkshire.

LADY Dispenser, Qualified, well experienced, desires post with Doctor or Institution, temporary or permanently, or as locum. 437/28, Office of this Paper.

LADY Dispenser (Hall) requires post; experienced Hospital and Chemist, or would help Doctor and assist in house; capable all duties. G. M. Swale, 11 Colville Square, W.11.

LADY (Hall), thoroughly experienced Dispensing, Counter, Book-keeping; approved Window-dressing, Photography; requires post with good-class Chemist; free now. M. W. S., Hazelmere, Glencain Park Road, Cheltenham.

LADY, Qualified, requires permanent position; careful and accurate Dispenser; good at Counter and Stock. 72 Chelsham Road, S.W.4.

LADY (23) desires post; 6 years' experience; reliable and competent; no Dispensing; East London preferred. Miss D., 65 Tavistock Gardens, Ilford.

LOCUM; disengaged August 7-September 2; extensive and varied experience, especially Dispensing; highest references. Roberts, Roby Mount, Llandudno.

LOCUM (Ph.C.), capable, experienced; references; free now; any period; booking. T., 25 Dowling Street, Swindon, Wilts.

LOCUM (or permanency), tall (40); Counter, Dispensing; Photographic experience; abstainer; moderate salary; disengaged. Alexander, 189 Southampton Street, S.E.5.

LOCUM, Qualified (35); disengaged June 5 to 25; as Manager or Assistant. Chemist, 216 Waterloo Road, Wolverhampton.

LOCUM; retired Chemist; middle age, active, reliable; well recommended; moderate; anywhere. "Chemist," c/o Dentist, 6 Percy Villa, Birchington, Kent.

LOCUM, thoroughly competent, reliable; disengaged June 9; open holiday dates available; town or country. Chemicus, 165 Brecknock Road, N.19.

MANAGER, Drug Stores, or Unqualified Assistant; 17 years one situation; excellent references; moderate wages. R. Slee, 106 Fifth Avenue, W.10.

M.P.S. (42) seeks post Manager or Assistant; country preferred. 431/36, Office of this Paper.

M.P.S. (43) shortly disengaged; excellent London and provincial all-round experience; Manager last 12 years. A. J. Allsopp, 30 Southlands Road, Weymouth.

QUALIFIED Assistant seeks change; conveniently near Ealing; 6 years London medium and working class; free one month. "Verichrome," 436/12, Office of this Paper.

QUALIFIED Gentleman (27) desires change; competent, accurate Dispenser, Photography, Counter; courteous; highly recommended; doctor, hospital, institution or business; moderate salary; free short notice; interview. 436/33, Office of this Paper.

QUALIFIED Manager, married, desires change to South; living accommodation; experienced in all branches. Apply 438/35, Office of this Paper.

QUALIFIED (widower), twenty years owner, successful Manager, accustomed brisk N.H.I., Counter, Photography, highly recommended, seeks permanent Managership, immediate locum; disengaged. Prescriber, 62 Easton, Portland.

R. SAGE, M.P.S., available for Locum, June 19 to July 29, August 14 to 26. Melton House, Durand Gardens, S.W.9.

RETIRED Chemist (married, elderly), offers services as Superintendent in return for unfurnished rooms above Pharmacy and small salary; London suburb or Home Counties preferred. "Chemist," 13 Coniston Road, Coulsdon.

SCOT, Qualified (tall, single, 28); thorough middle-class experience; locum or permanency. Chemist, 85 Burnley Road, Ainsdale, Southport.

SCOT, Qualified (48), disengaged, desires Management or Locum; experienced; London or provinces. "Chemist," "St. John," Prince Avenue, Westcliff-on-Sea.

SOUTHPORT.—M.P.S. (26), first-class all-round experience, desires post; season, permanency or locum. 28 Norwood Crescent, Southport.

UNQUALIFIED Male Assistant or Locum (21); sitting for Part II in September; free June 16 to end September; 2 years' Hospital experience. C. Radford, 46 Summerhill Road, Bristol 5.

UNQUALIFIED (28); 10 years' thorough experience in all branches; good at Window and Counter; quick and accurate Dispenser; capable of controlling staff; pleasing manner and personality with customers; excellent references; disengaged now; anything, anywhere. Watson, Milestones, Chilworth, Guildford.

YOUNG LADY; Unqualified; 3 years' experience Dispensing and Counter; Doctor or Chemist. G. Read, 40 Norman Road, Newhaven, Sussex.

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WHOLESALE.

CLERK (20), keen, smart appearance; 5 years' experience in large wholesale house; knowledge of shipping, &c. F. Slater, 55 Harringay Road, N.15.

MANUFACTURER of Toilet Preparations, Bath Crystals, &c., seeks post; 14 years' all-round experience of the Chemists' and Druggists Trade; competent to take charge. P.C.B. 78/3, Office of this Paper.

PERFUMES and Toiletry.—Advertiser seeks engagement; thoroughly practical; complete formulae ready for introduction; shaving and vanishing creams are specialties; can introduce original ideas in perfume synthesis; also had pharmaceutical experience; capable organiser; used to control of staff. 221/921, Office of this Paper.

REPRESENTATIVE, Qualified Chemist, good connection amongst Doctors, Dentists and Veterinary Surgeons in North London and Suburbs, fully conversant with propaganda and sales methods, open to consider full-time or part-time representation of houses of repute; free end of month. 438/10, Office of this Paper.

TRAVELLER, disengaged, requires position with sound firm Wholesale Chemists, to represent them in South Wales; ten years' existing and unbroken connection among medical men in this area; knowledge of instruments, electro medical apparatus, &c., also experienced Chemist; age 35; smart appearance. 438/4, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN.

PHARMACIST, experienced Continental, French, Spanish, Italian, desires change to represent good-class English or Continental house; single; would consider retail; travel anywhere. 436/6, Office of this Paper.

FOR SALE.

NATIONAL Cash Register for Sale; sound condition; bargain. Write R. Drummond, 67 Netherlands Road, New Barnet, Herts.

MISCELLANEOUS.

A BIG BARGAIN.—6 ft. All-Glass Counter, with glass shelf, parquet bottom, £9 10s. Second-hand Screen case, with glass shelf, £4. 10-ft. Glass-fronted Counter, £13. Counter Drawers, Drug Fittings, &c. Write requirements PHILIP JOSEPHS & SONS, LTD., 90/92, St. John Street, Clerkenwell, E.C.1. 'Phone: Clerkenwell 2191.

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CHEMISTS' FITTINGS, direct from manufacturer; soundly constructed in oak and mahogany; 8 ft. Drug Run, £18; 6 ft. Dispensing Screen, £14; 6 ft. Showcase Fronted Counter, £8 5s.; 6 ft. Wall Case, £11; 6 ft. Glass Counter, £8 15s.; Counter Case, 30 x 24 x 18, £2 5s., &c. Send now for photographs, or call and inspect. MYERS, Complete Chemist Fitters, 134a Kingsland Road, E.2, near Shoreditch Church. Bishopsgate 2524.

CHEMISTS' Fittings, oak or mahogany, suit any Pharmacy; Wall Cases, Drug Fittings, Dispensing Screens, Glass-fronted Counters, Counter Drawers, all-glass Counters, 6-ft. Silent Salesman; shop fitted complete; send for prices; sketches by return. GEORGE COOK, The Working Shopfitter, 27 Macclesfield Street, E.C.1. 'Phone: Clerk 5371.

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